

International Society for Soil Mechanics and Geotechnical Engineering

Minutes of the Council Meeting

Hilton Hotel, Brisbane, Queensland, Australia
Sunday, 21st October 2007

PRESENT:

Professor Pedro Sêco e Pinto	- ISSMGE President
Professor Mounir Bouassida	- ISSMGE Vice President Africa
Professor Madhira Madhav	- ISSMGE Vice President Asia
Professor John Carter	- ISSMGE Vice President Australasia
Professor Roger Frank	- ISSMGE Vice President Europe
Ing. John Seychuk	- ISSMGE Vice President North America
Professor Waldemar Hachich	- ISSMGE Vice President South America
Professor William Van Impe	- ISSMGE Immediate Past President
Professor R N Taylor	- ISSMGE Secretary General
Ms P Peers	- ISSMGE Secretariat
Professor Osamu Kusakabe	- ISSMGE Board Member
Dr Michael Lisyuk	- ISSMGE Board Member
Professor Harry Poulos	- Chair JTC4
Professor Wohua Zhang	- Observer from CISMGE
Dr Fred Baynes	- President IAEG
Dr Anthony Meyers	- Regional Vice President Australasia ISRM

MEMBER SOCIETY

VOTING MEMBER

NON-VOTING MEMBER

Albania	Professor Roger Frank*	
Argentina	Professor Waldemar Hachich*	
Australia	Mr Marc Woodward	
Austria	Professor Georg Heerten*	
Azerbaijan	---	
Bangladesh	---	
Belgium	Professor William Van Impe	
Bolivia	---	
Brazil	Professor Marcus Pacheco	
Bulgaria	---	
Canada	Dr Dennis Becker	
Chile	Professor Waldemar Hachich*	
China	Professor Yunmin Chen	Dr. Liangtong Zhan
Colombia	---	
Costa Rica	Professor Marcus Pacheco*	
Croatia	Professor Iacint Manoliu*	
CTGA	---	
Cuba	Er Mahavir Bidasaria*	
Czech & Slovak Republics	Professor Ivan Vanicek	
Denmark	Professor William Van Impe*	
Ecuador	Professor Marcus Pacheco*	
El Salvador	Dr Chung-Tien Chin*	
Egypt	---	
Estonia	Professor Junichi Koseki*	
Finland	---	
France	Dr. Alain Guilloux	

MEMBER SOCIETY	VOTING MEMBER	NON-VOTING MEMBER
Georgia	---	
Germany	Professor Georg Heerten	
Ghana	---	
Greece	Professor Roger Frank*	
Hong Kong	Professor George Tham	
Hungary	Professor IvanVanicek*	
Iceland	---	
India	Er Mahavir Bidasaria	Mr Manoj Datta
Indonesia	Professor Bigman Hutapea	
Iran	Professor Madhira Madhav*	
Iraq	---	
Ireland	Professor Michael Davies*	
Israel	Professor Sam Frydman	
Italy	Professor Michele Maugeri	
Japan	Professor Junichi Koseki	
Kazakhstan	Professor Askar Zhusupbekov	
Kenya	---	
Korea R	Professor Chunsik Yoo	
Latvia	---	
Lithuania	Dr. -Ing Georg Professor Heerten*	
Macedonia	---	
Mexico	---	
Morocco	---	
Mozambique	Professor Mounir Bouassida*	
Nepal	Professor Madhira Madhav*	
Netherlands	Professor IvanVanicek*	
New Zealand	Mr Stephen Crawford	
Nigeria	Professor Mounir Bouassida*	
Norway	---	
Pakistan	---	
Paraguay	Er Mahavir Bidasaria*	
Peru	---	
Poland	Professor Roger Frank*	
Portugal	Dr. Alain Guilloux*	
Romania	Professor Iacint Manoliu	
Russia	Dr Michael Lisyuk	
Serbia and Montenegro	---	
Slovenia	Professor Iacint Manoliu*	
South Africa	---	
S E Asia	Dr Chung-Tien Chin	Professor A. Balasubramanian
Spain	Professor William Van Impe*	
Sri Lanka	---	
Sudan	---	
Sweden	---	
Switzerland	---	
Syria	---	
Tunisia	Professor Mounir Bouassida*	
Turkey	Dr. Alain Guilloux*	
Ukraine	Professor Askar Zhusupbekov*	
U K	Professor Michael Davies	
U S A	Dr John Anderson	Professor R. Holtz
Uzbekistan	Professor Askar Zhusupbekov*	
Venezuela	---	
Vietnam	---	
Zimbabwe	---	

* Denotes Proxy vote

APOLOGIES:

Dr John Christian
Professor Richard Jardine

ISSMGE Board Member
Chairman TC29

OPENING REMARKS BY PRESIDENT

1. The President opened the meeting by thanking the Vice-President for Australasia and the Australian Geomechanics Society for arranging the Conference and the Council meeting. He also thanked the delegates from the Member Societies for attending. He was pleased to note that Dr Fred Baynes, the president of IAEG was also present as an observer at the meeting.

LIST OF DELEGATES AND OTHER PERSONS PRESENT

2. The Secretary General presented a list of delegates who had indicated their intention to attend the Council Meeting. All the voting delegates present were noted and as were the Member Societies who had transferred their voting rights by proxy. The complete list of delegates is given at the beginning of these minutes.

QUORUM

3. A roll call was established. There were 22 voting delegates present, and 30 votes were available by proxy, giving a total of 52 votes. The Secretary General confirmed that there were 64 Member Societies entitled to vote and since the voting delegates (including proxies) exceeded two thirds of this number, the meeting was declared quorate to deal with all matters.

MINUTES OF THE COUNCIL MEETING IN OSAKA, SEPTEMBER 2005

4. The Minutes of the Council Meeting in Osaka had been redistributed with the Council Meeting papers. The President asked if there were any comments or corrections to the Minutes and there were none.

MEMBERSHIP

5. The Secretary General presented an updated summary of the present membership of ISSMGE. Since the previous Council Meeting the Secretary General was pleased to announce that new Member Societies representing Cuba, El Salvador, Georgia, Mozambique and Uzbekistan had joined ISSMGE. The total membership was now 18,032 in 81 Member Societies. An updated table summarising the regional distribution of membership is given in Appendix 1. It was noted that the following societies have shown a significant increase in members during this year: Brazil now has 745 members (up from 673), Chile now has 74 (was 53), Mexico 395 (was 154) and the USA now has 2723 compared to 2462 in 2006.

6. The Secretary General reported that the following countries were more than one year in arrears with their subscription fees: Azerbaijan, Bangladesh, CTGA, Ghana, Iraq, Kenya, Morocco, Peru, Sudan, Venezuela, Vietnam and Zimbabwe. Recent information had indicated that there were attempts to restart the Kenyan Geotechnical Society and there was hope that it would be possible to report further on this at the next Council Meeting. Also, the Secretariat had received e-mails from Iraq and Zimbabwe expressing their regret at their not being able to participate in ISSMGE activities because of national political circumstances beyond their control.

7. Since the previous Council Meeting, gINT Software has joined as a corporate sponsor, and Klohn Crippen Berger Ltd withdrew. The current list of corporate sponsors is also included in Appendix 1.

8. Finally, the Secretary General noted that a CD version of the ISSMGE List of Members had been distributed recently to all Member Societies and, following normal practice, with each Member Society receiving sufficient CDs for 20% of their Membership. This list of members reflected information held by the Secretariat in mid-June 2007. It was intended that a revised CD would be produced in time for the next Council Meeting in Alexandria in 2009, and Member Societies were asked to ensure that they sent updated lists of members to the Secretariat in good time.

9. The President noted that the Board were increasingly concerned about the number of Member Societies with significant fees in arrears and invited Professor Hachich, the Vice-President for the South American region to make a presentation on this issue. Professor Hachich began by stating the Board had been considering this issue in its previous three meetings. It seemed that there were some active societies facing legitimate difficulties, and that other societies were simply inactive. The definition of «legitimate difficulties» could pose problems unless these were widely known. The Board was faced with three options:

- No action, an approach probably not in the best interest of ISSMGE;
- Terminate membership of the societies, a measure rejected by Council in the past;
- Try to foster activity in those societies, and thus get them to participate in the ISSMGE.

10. Given the above, the Board had considered a possible solution as offering a one-time write-off of debts for 2006 and preceding years and at the same time, revising the ISSMGE statutes so as to stress activity and payment of fees as complementary and necessary conditions for continued membership.

11. Professor Hachich invited comments from the delegates. Professor Holtz (USA) felt that it was an excellent idea to foster activity in the member societies, but recognised the potential difficulties in achieving this. Professor Hachich stated that these were early thoughts of the Board, but the issue of how to foster activity was yet to be established. Overall, the delegates felt that the tentative solution proposed was a good approach to dealing with the problem of societies with fees in arrears.

TECHNICAL COMMITTEE ACTIVITY

12. The President reported that since coming into office he had addressed the need to specify the Technical Committees that would be operational during his term of office. Some of these were continuing from the previous presidential period and others had been created. A list of Technical Committees and their Terms of Reference and Planned Activities are given in Appendix 2. This list includes details of those Technical Committees that have their own website, and also those Technical Committees that are organising their own conference. Some Technical Committees had become joint with the Sister Societies and these would be reported on in Item 16. The President noted that all Technical Committees had been asked to produce a report of their activities.

13. Professor Holtz (USA) responded that he was pleased to see Technical Committees being asked to report on their activity after two years, since in the past he had been aware that some Technical Committees were rather slow in commencing their work. The President recognised that some Technical Committees found it difficult to meet, and considered that financial assistance with travel was a problem that needed to be addressed. He was hopeful that it might be possible to get industry support

or involvement with Technical Committee activity to help in this respect.

14. Professor Poulos suggested that as well as considering developments in research, Technical Committees should also assist industry in evaluating what is good or bad practice. Professor Zhusupbekov (Kazakhstan) asked about the activities of TC41 (Mega Cities). He reported that the Kazakhstan Geotechnical Society had recently organised an international geotechnical symposium in Russia (Yuzhno-Sakhalinsk) on Geotechnical Engineering for Disaster Prevention and Reduction, but believed that it would have benefited from TC41 involvement. The President agreed it was unfortunate that this had not been possible, but he had asked TC41 to work with other committees such as TC4, TC28, and TC32 and hoped that there would be synergies with their conferences.

REGIONAL REPORTS BY VICE PRESIDENTS

15. The President invited the Regional Vice-Presidents to present their reports in turn. The reports are included as Appendix 3. After each report the President invited comments on the floor, and there were none.

TASK FORCE: GEO-ENGINEERING RESOURCES / EDUCATION

16. Professor Hachich announced that the Brazilian and Portuguese member societies had recently established the Victor de Mello Lecture, which would be presented every two years on the occasion of the joint Portuguese-Brazilian Geotechnical Conference. The first lecture would be given on April 7, 2008, in Coimbra, Portugal, by Professor John Burland.

17. Regarding the knowledge network, Professor Hachich reported that he had contacted publishers of the ISSMGE International Conferences (Taylor and Francis, Milpress, Oxford & IBH) and they had agreed that scanned copies of selected State-of-the-Art reports and keynote lectures presented at previous ICSSMGE could be made available by the password-protected intranet of the ISSMGE website, once it is implemented.

18. Future plans of the Task Force included establishing thematic discussion groups on the Internet and creating a database of regional research/educational centres. There had been consideration of re-launching a model library scheme. The intention was to provide a two-year subscription of about six international journals to universities and research institutions in the less affluent Member Societies. However, difficulties had been experienced in securing agreements with publishers of major international journals. One journal that could be used is "Soils and Rocks" which is now published in English jointly by the Brazilian Geotechnical Society (ABMS) and the Portuguese Geotechnical Society (SPG), as well as their Portuguese-language journal, "Geotecnia". The President asked Dr Becker if the Canadian Geotechnical Journal could be made available for the model library scheme. Dr Becker replied that CGJ was published by the NRC Research Press and it was available free online to members of the Canadian Geotechnical Society. This could present an impediment to the model Library scheme envisaged and he felt that it was unlikely that the Canadian Geotechnical Society would be able to help in this regard.

19. Professor Hachich reminded Council of the Lexicon of Symbols and Definitions, the most recent edition of which (in English, French, German, Italian, Portuguese, Russian, Spanish, Swedish) dated back to 1981, published by the Canadian Geotechnical Society. The Task Force had made progress in digitising the information such that it could be made available on the

ISSMGE website. A significant part of the Lexicon had been scanned and entered into a new electronic database. Help is needed from native speakers of Russian, Swedish and German for revisions, corrections and, in some cases, re-scanning and optical character recognition. Ultimately this should allow online searches of the directory of technical terms in eight languages. IT-related efforts are needed for the online database, search engine and password-protected area. The section on symbols and definitions could either be scanned or possibly re-typed. A collaborative effort must be established so as to allow updating and expansion of the Lexicon both in terms of technical definitions and number of languages. In discussion, Dr Lisyuk confirmed that he would be able to organise support for editing the Russian language sections of the Lexicon.

COMMUNICATIONS

20. Professor Kusakabe reported that an ISSMGE Bulletin was being prepared in electronic format and circulated to Member Societies four times a year. The bulletin included sections on ISSMGE news, messages from the Board, Technical Committee activities, an event diary, reminiscences from senior members of ISSMGE and case histories. Also, support of the ISSMGE Corporate Sponsors was recognised by inclusion of their logos on the back page of the Bulletin. Professor Kusakabe reminded delegates that the future success of the Bulletin required the support of Member Societies who should submit articles and other items for publication.

INDUSTRIAL LIAISON AND PROFESSIONAL PRACTICE

21. Ing. John Seychuk presented his report. The Industrial Liaison Task Force was created about 6 years ago, during the previous presidential period. Its main objectives were to ascertain the needs of industry, to develop ways for ISSMGE to meet these needs, and to encourage greater industry participation in ISSMGE activities.

22. It had been found by the previous Task Force that there was a perception of ISSMGE being dominated by academics and researchers, and that it tended to neglect the needs of practitioners. This was a significant finding to be addressed by the new Task Force. Over the past year or so, in an attempt to improve the relationship between academics and practitioners, the Task Force had held further discussions with Practitioners to ascertain how best to encourage Practitioner/Academic interaction. The clear message received was that ISSMGE should address issues directly related to Professional Practice. This led to a merging of the Task Forces on Industrial Liaison and Professional Practice, with the following Terms of Reference:

- The provision of specialty sessions at conferences involving direct (face to face) interchange between Academics and Practitioners (such as the Forum introduced by Harry Poulos at the Osaka conference).
- Greater involvement of ISSMGE in Professional Practice and Liability issues (similar to ASFE in North America).
- Encouragement of the collaborative publication of case histories, authored by an Academic, utilizing the resources of Practitioners who have much relevant information in their files but do not have the incentive, or need, to publish as Academics do.
- Compilation of a reference inventory of published case histories providing significant "Lessons Learned" for the minimization of professional liability exposure on projects.
- Establishment of a facility on a website where Practitioners can dialogue and interact with Academia for di-

rection to published references/documents on uncommon subjects/emerging technology, etc.

- Initiation of a policy of greater participation of Practitioners on Technical Committees.

23. The Key Members of the new Task Force, John Christian, Madhira Madhav and John Seychuk, met in May 2007 in Atlanta, USA to discuss the future strategy. It had been expected that the Chairman of the new Task Force, John Christian would be able to address Council, but unfortunately he had been unable to travel to Brisbane to attend the meeting.

24. At the meeting in May 2007, it had been agreed that the following two initiatives should be followed up:

- ASFE should be contacted to find out in what way ISSMGE could tap into their extensive practitioner-oriented library of Professional Practice Guidelines and Professional Liability Preventive Measures.
- Initiate discussion with JTC4: Professional Practice chaired by Professor Harry Poulos, to establish whether there was potential to coordinate Geo-Professional Practice activities, thus avoiding duplication of effort.

25. Unfortunately, it was not possible to report back to Council on any progress.

26. The President invited discussion from the floor.

27. Professor Heerten asked what was meant by ASFE. John Seychuk explained that it used to be known as the Association of Soil and Foundation Engineers, but was now simply known as ASFE. Dr Anderson (USA) explained that the organisation had been created about 25 years ago and provided advice and support to practitioners. In particular it had developed a significant library of case histories illustrating both good and bad practice. Though mainly a US organisation, there were some international members of ASFE. Professor Poulos welcomed future cooperation between JTC4 and the ISSMGE Task Force. He also felt that it might be difficult to work with ASFE but that should not prevent the Task Force from trying. He agreed that it would be wrong for the Task Force and the JTC4 to duplicate effort.

28. The President commented that the Academic/Practitioner Forum that had been initiated by Professor Poulos and run for the first time at the International Conference in Osaka 2005, had also be scheduled at the Danube Conference in May 2006, coordinated by Professor Jamiolkowski, and at the European Conference in Madrid in September 2007, coordinated by Professor Van Impe. A forum was also planned for the Asian Regional Conference in Kolkata in December 2007, coordinated by Professor Madhav, and for the International Conference in Alexandria in October 2009.

GUIDELINES FOR ISSMGE TOURING LECTURES

29. Professor Hachich presented his report on Guidelines for organising ISSMGE lectures. This included a brief history of establishing these lectures which have now developed into a two-day event with lectures given by external lecturers and some others given by the host society. The topic of the lecture programme is agreed in advance with the host society and is usually a topic of current interest to local practitioners.

30. Two key issues were identified in discussion. Firstly, Professor Heerten commended the work done on the guidelines, but thought that companies sponsoring Touring lectures should receive a more visible recognition than simply being invited to attend ISSMGE Council Meetings, as suggested in the proposed guidelines. After some debate it was agreed that the support of-

ferred by sponsors of Touring Lectures should be recognised in some suitably visible way including the report in the ISSMGE Bulletin.

31. The second issue concerned the naming of these ISSMGE events. In the past, they had been referred to as Touring Lectures, when it was envisaged that the same lectures would be delivered consecutively at a number of venues. However, in practice the lectures were developed to the individual needs of recipient Member Societies and an alternative name might be better. Professor Roger Frank suggested that they be referred to as “ISSMGE Seminars” and Professor Poulos suggested the inclusion of “International”, so as to reflect the international collaboration involved. Dr Anderson (USA) felt that the events included technology transfer, and that this could be reflected in the name. The President felt that this was not necessarily the case given the wide range of supporting organisations and recipient delegates. Professor Frank remarked that “Technology” had different meanings especially in different regions of Europe. Professor Madhav noted that often the lectures included State of the Art reports and that the name “Seminar” was probably appropriate. Professor Van Impe said that the lectures were essentially educational and might have aspects of seminars, technology transfer, etc., depending on the needs of the host society. On a show of hands, it was agreed that the events should be entitled “ISSMGE International Seminars”. Professor Hachich undertook to revise the proposed guidelines in light of the discussion by Council, and the revised guidelines are included as Appendix 4.

GUIDELINES FOR YOUNG GEOTECHNICAL ENGINEERS' CONFERENCES

32. The Secretary General gave a presentation on the proposed guidelines on organising Young Geotechnical Engineers' Conferences (YGEC). The purpose of drafting these guidelines was to provide details of the background, purpose and style of these events which was quite different to that of normal conferences. For example, delegates are nominated by Member Societies rather than coming from an open call, and all delegates make a presentation at a YGEC.

33. A number of issues emerged in discussion. The first point discussed concerned the length and format of papers submitted by delegates to a YGEC. Professor Davies stated that the UK had considerable experience in these events and had found that limiting papers to a maximum of two sides of A4 was very successful especially when encouraging young engineers from industry to participate. Professor Carter stated that for the Australia-New Zealand Young Geotechnical Professionals' event, delegates prepared a full 6-side paper, to produce a bound volume. However, he felt that the important point was not the length of the papers, but the fact that there was a permanent archive record, and publication by CD would be equally acceptable.

34. Professor Van Impe asked if it was appropriate for a YGEC to have a theme. The President felt that there could be disadvantages by having too narrow a theme. Professor Madhav thought that it would be preferable to have a theme as wide as possible, though there was some merit in having a sort of “caption” that gave an identity to the individual event. Professor Bouassida thought it very important for a region such as Africa that there was no restriction on the theme so as to be able to attract a wide range of delegates. Professor Frydman emphasised that a YGEC should be seen as educational and that it was therefore important to expose the young delegates to a wide range of topics. Dr Guilloux felt that there should not be a single theme and that it was also important to attract young practitioners to the events. In that respect, he thought Member Socie-

ties should be encouraged to send one academic and one practitioner. Professor Frank said that it would be wrong to impose restrictions since some societies had few suitable practitioners to send as delegates. He also thought that it would be wrong to specify a theme.

35. Mr Crawford (New Zealand) noted that their event was known as a Young Geotechnical Professionals Conference to allow groups such as geologists, who are not engineers, to attend. Attracting delegates from different geo-groups was also consistent with the philosophy of the Federation of International Geo-engineering Societies to be discussed in a later item. He also thought that the event should be limited to about 40-50 delegates. The Secretary General replied that the events were normally limited to about 50 individuals but that the international YGEC could have 100+ delegates to allow good representation of the 81 Member Societies of ISSMGE. Dr Becker reiterated that the YGEC should encourage input from geo-professionals and expose them to the multidisciplinary nature of real projects. The most important aspect of a YGEC was the networking potential.

36. Prof. Marcus Pacheco (Brazil) reported that Brazil is currently organising its third conference for young geotechnical engineers (August 2008); these now attract up to 200 delegates and the best papers to the conference are to be presented as regular papers at the jointly organised Brazilian Geotechnical Conference. The Secretary General noted that this was a conference in the traditional way and was different to the YGEC being discussed.

37. In summary, it was agreed that a YGEC should have a general theme, that papers could be 2-6 pages in length and there must be a permanent archive record. The format of publication would be a matter for the organising committee to resolve. The guidelines were accepted subject to revisions in accordance with the above discussion. The revised guidelines are given in Appendix 5.

38. Finally, Professor Davies (UK) thought that in some countries it would be illegal to specify an upper limit of the delegates' age. Mr Woodward (Australia) commented that there was not restriction on specifying an upper limit on experience and this might be an alternative.

PRESENTATIONS OF INVITATIONS TO HOST 6ICEG IN 2010

39. The President introduced this item explaining that proposals had been received from China and India to host the 6ICEG. At the time of circulating papers to member Societies the USA had a possible interest in bidding to host the event. For a number of reasons they had decided not to proceed with the proposal to host the 6ICEG but had indicated that they may be interested in hosting the 7ICEG in 2014. The President then invited presentations from Professor Yumin Chen (China) and Professor Manoj Datta (India). In secret ballot, votes were cast as follows:

HOST SOCIETY	VOTES CAST
China	23
India	29

40. The President announced that the 6ICEG would be held in New Delhi, India, in October or November 2010. The result was greeted with acclamation.

YOUNG MEMBER AWARD

41. The Secretary General reminded Council of the Young Member Award which was given to three ISSMGE members and decided on the basis of a paper submitted to the forthcoming ICSMGE or the immediately preceding ISSMGE Regional Conferences. It will be important for Member Societies to ensure prospective authors of papers were aware of the award, the guidelines for which are given in Appendix 6.

XVII ICSMGE, ALEXANDRIA 2009

42. The President reported that there had been a number of conference advisory committee meetings for the forthcoming XVII ICSMGE. The keynote speakers had been identified and Bulletin No. 2 had been produced and circulated to all Member Societies. In addition, copies of the Bulletin were being distributed at all regional conferences of the ISSMGE.

43. The Secretary General went on to report that unfortunately Dr Hamza, Chairman of the Organising Committee of the XVII ICSMGE, had not been able to attend the Council meeting. A report on progress of the organisation of the conference had been received and this was presented briefly. A copy of the progress report is given in Appendix 7.

RELATIONSHIPS WITH SISTER SOCIETIES ISRM AND IAEG.

44. The President began by reminding Council that at the meeting in Osaka 2005, they had given a strong mandate to continue with Federation of International Geo-engineering Societies (FIGS). Since then, there have been 5 meetings with the Presidents and Secretaries General of IAEG and ISRM and Past President of ISSMGE, all held with an excellent spirit of cooperation, as follows:

Paris - 11 November 2005
 Amsterdam - 11 May 2006
 Nottingham - 8 September 2006
 Lisbon - 22 January 2007
 Paris - 9 June 2007

45. The President explained that the Sister Societies proposed to start the FIGS in an informal way and only take the decision to modify it to a full legal status (with legalized Statutes and a complete set of Bylaws) after one or two periods (of 2 years each) if it is seen that a formal status is indispensable for a proper functioning of FIGS. Such formalization will require the explicit approval of the Councils of the three organizations. The proposed cooperation agreement for establishing the FIGS is given in Appendix 8. Since this is an informal agreement, no decisions will be taken yet on compliance with any national legal system

46. The proposed Federation is founded on the principle that each of the participating Societies retains its identity and autonomy. The role of the Federation is to carry out functions for the international geo-engineering community that could not be carried out with the same effectiveness and efficiency by the three Members individually. The aims and responsibilities of the Federation are:

- to raise awareness within the geo-engineering profession of the inevitable and essential interaction between geo-engineering practitioners from the Members;
- to coordinate the scientific and technical activities in areas with overlapping interest between the Members;
- to raise the public awareness and profile of the geo-engineering profession.

47. One of the remits of the FIGS will be to foster the activities of its Joint Technical Committees (JTCs). The JTCs established to date are also listed in Appendix 8, along with the guidelines for establishing JTCs.

48. The President reported that at the IAEG Council Meeting held on 6 September 2006, the total votes cast on the cooperation agreement were 43 in favour, 10 against and 1 abstention. With 79.6 % of the votes in favour the Cooperation Agreement was approved by IAEG Council. At the ISRM Council Meeting held on 7 November 2006, the Cooperation Agreement was approved unanimously.

49. The FIGS Secretariat will, by decision of the FIGS Board, be located at the Secretariat of one of the Sister Societies, and administration would be kept to a minimum.

50. Regarding financial issues, the initial cost of FIGS to the Sister Societies will be approximately EUR10,000 per year making the cost to ISSMGE in the order of EUR3500. It is expected that after two years, the FIGS will generate its own funds from industry sponsorship, conferences and symposia registration, as well as from the subscriptions from the Members and Associate Members.

51. The President noted that he had kept the Member Societies informed of discussions regarding the FIGS by direct communication, by meetings with Member Societies, and by articles in both the ISSMGE Bulletin and in *La Lettre de Géotechnique*. In addition, the Regional Vice-Presidents have also corresponded with the Member Societies.

52. It is anticipated that the FIGS will create a strong presence that will be more effective in promoting the geotechnical profession. In addition it will be possible to develop wider ranging synergies, between academics, researchers and Industry. The President emphasised that the proposal under discussion was, at this stage, only an agreement. Full legal status will only take place if the experience proves positive.

53. The President went on to mention the initiative International Year of Planet Earth (IYPE). This initiative aims to ensure greater and more effective use by society of the knowledge accumulated by the world's 400,000 Earth scientists. The IYPE is a joint initiative by UNESCO and the International Union of Geological Sciences (IUGS). Its main activities operate within Science and Outreach Programmes. The Science Programme consists of ten broad relevant themes: health, climate, groundwater, ocean, soils, deep Earth, megacities, hazards, resources and life. The IYPE runs from January 2007 to December 2009 with 2008 as a central year. IAEG, ISRM and ISSMGE agreed to support the IYPE as a founder member.

54. The President then invited discussion from the floor.

55. Professor Heerten (Germany) stated that he was struck by the clear statement from North America given in the regional report by the Vice-President from North America against the FIGS, since from his point of view engineers needed a stronger voice when dealing with geoscientists. Professor Poulos introduced himself as a co-chair of the Joint Task Force that had originally reported on the possibility of establishing a Federation, and said that while FIGS may not be necessary in order to raise awareness in the geotechnical engineering profession of the interactions with other geo-engineering practitioners, nor for coordinating scientific and technical activities in areas of overlapping interest between the Sister Societies, the FIGS was definitely needed to raise the public awareness and profile of the geo-engineering profession. Professor Poulos was pleased to learn that there would be a trial period for the proposed FIGS, before it became fully established. This trial period would also

give an opportunity to start attracting corporate funds. Overall, he felt that the FIGS would be a self-sustaining exercise, and was of the view that ISSMGE would have nothing to lose, and so commended the proposal to Council. The President thanked Professor Poulos for his warm support.

56. Professor Frydman (Israel) spoke in support of creating FIGS. He felt it reflected the broad nature of the profession, and gave the opportunity to extend this to other geo-related groups, and not just engineers. He liked the trial period, and the fact that the autonomy of the Sister Societies would be retained. However, he suggested that a more pertinent name would be Federation of International Geo-technology Societies. The President replied that the name for the Federation had been developed after considerable thought. The title "Federation of International Geo-engineering Societies" had been agreed at the council meetings of IAEG and ISRM, and it was not possible for it to be changed.

57. Professor Davies (UK) stated that the BGA already had strong links with the other Sister Societies at national level. He was pleased to see that the proposed cooperation appeared to have allayed his earlier fears regarding possible added bureaucracy but he was still concerned about the possibility of an added level of governance. If the FIGS represented a top-down "umbrella" organisation then individual members would become more removed from the overall governing body. He also questioned the need for FIGS to have a president since the Sister Societies already have three presidents, and it would be simpler for each to act in turn also as President of the FIGS on a rotation basis.

58. Dr Becker (Canada) wished to explain why Canada is not in favour of FIGS. They supported its aims, as emphasised by Professor Poulos, but did not see that the FIGS as proposed would add value. In Canada, they have a geotechnical society that is very broad and incorporates not only the Sister Societies' activities, but also those of other allied groups. In addition, he expressed concern about the possible governance that the FIGS might represent.

59. Dr Guilloux (France) stated that from the practitioners' point of view, there was general need to involve geology, soil mechanics and rock mechanics in most projects. Thus there would be a benefit in moving towards a single united society. The FIGS as proposed may not be the best answer, but it certainly seemed to be moving in the right direction.

60. Professor Heerten noted that there was already a regional level of cooperation but there was still a need to strengthen the position of geo-engineers in society. He hoped that other groups would soon join the FIGS so as to reinforce the federation.

61. Professor Frank (Vice-President for Europe) said that he had been asked to read the following declaration:

Cooperation within the geoscience field

All the Nordic societies, Denmark, Finland, Iceland, Norway and Sweden, would like to see more cooperation within the whole geoscience field (soil mechanics, geotechnical engineering, rock mechanics, and engineering geology). In Denmark, both IAEG and ISRM are already under the umbrella of the Danish Geotechnical Society.

The four Nordic societies from Finland, Iceland, Norway and Sweden, representing approximately 16% of the European members of ISSMGE, do not believe that FIGS is the way to achieve a better cooperation. These four geotechnical societies

do not support the creation of FIGS, which in our opinion adds another level of administration.

62. The President emphasised that the Sister Societies will retain their independence and autonomy. The FIGS would help coordinate Joint Technical Committees and organise joint conferences. Regarding the need for a president, he felt that the presidents of the sister societies were already very busy and would not be able to take on the additional responsibility of being the president of the FIGS. He asked Dr Baynes, President of IAEG, if he would like to make any comments. Dr Baynes replied that he was delighted by the robust debate, and interested to see what the outcome of the vote would be. Professor Vanicek (Czech and Slovak Republics) stated that it was good to hear that the FIGS intended to approach and influence policy makers and decision makers but it would really have to find an effective way of doing this.

63. The President then asked Council to vote on accepting the proposed cooperation agreement and establishing the Federation of International Geo-engineering societies. Votes were cast as follows:

Against:	5
Abstentions:	1
For:	46

64. The motion was therefore carried.

65. The President remarked that the three Sister Societies had now confirmed their agreement to proceed with the FIGS and he now wished to discuss an issue regarding the President of the FIGS. The agreement stipulated that the President should be one of the immediate Past Presidents or another co-opted individual as the FIGS Board sees fit. The IAEG had contacted their National Groups and had decided to propose a candidate external to the FIGS Board. The ISRM were in the process of deciding on a candidate they wished to propose. The President noted that the immediate Past-President of ISSMGE, Professor Van Impe, could be a candidate for the post of President of the FIGS, but he also wanted to give Member Societies the opportunity to nominate another candidate if they wished. He intended asking Member Societies to consider this matter and to send in their nominations by the 19th December 2007. Given the situation of the other Sister Societies, he felt that ISSMGE should propose a single candidate and therefore he asked Council to give permission to the ISSMGE Board to exercise its discretion if there were more than one candidate from ISSMGE to the post of President of the FIGS.

66. In discussion Professor Heerten (Germany) said that since Professor Van Impe had been involved with the FIGS agreement from the start, and would make suitable candidate, it was unnecessary to look for other nominations. Professor Van Impe commented that he found himself in a difficult position. He also felt that the issue of governance raised earlier should be discussed further. He was uncertain that it was appropriate to discuss names at this meeting, but felt it was important to recognise the need to agree on the president of FIGS in the near future, so that it could start work as soon as possible. Dr Becker asked if the process of selecting the ISSMGE candidate would be transparent: in other words, that the member societies would know the names of all available candidates proposed, and the decision of the ISSMGE Board. The President agreed that the process indeed would be transparent. Professor Heerten remarked that if a Member Society wished to nominate a candidate they should first establish that that individual agreed to have their name put forward. He went on to ask if Professor Van Impe would agree to be a candidate. Professor Van Impe said that he would be honoured, but found it difficult given the earlier comments from the UK and Canada. Professor Davies

(UK) replied that he agreed in the democratic process: the ISSMGE Council had voted for the FIGS cooperation agreement, and the discussion should now move on.

67. In summary, the President said that he would be asking all Member Societies if they wished to nominate a candidate but he still wanted assurance from the Council that they agreed to the ISSMGE Board selecting from the nominations received the ISSMGE candidate for the post of President of the FIGS. On a show of hands, this was agreed with unanimity.

OFFICE OF THE SECRETARY GENERAL

68. The President stated that at the ISSMGE Board Meeting in Rome on 15th March 2006 he had, in accordance with the Statutes, established an Appointment Committee for the post of Secretary General. He had written to Member Societies in June 2006 asking for offers to host the Secretariat. The British Geotechnical Association had proposed to continue hosting the Secretariat along similar lines as before and with a small reduction in costs. The President had also received letters from the Canadian Geotechnical Society, the Netherlands SSMGE and the Russian SSMGE. The Canadian and Russian Member Societies had written in support of the Secretariat continuing as at present. The Netherlands Member Society had originally considered submitting a candidate, but had not been successful in finding a suitable nominee. At the ISSMGE Board Meeting on the 15th March 2007 the President recommended Professor Neil Taylor be re-appointed as Secretary General to 2011 and the Board agreed with this recommendation. Council greeted this decision with acclamation.

PRESENTATION OF AUDITED ACCOUNTS 2005, 2006

69. The Secretary General presented the Society's accounts for the years 2005 and 2006, along with a comparison to the ISSMGE budget agreed in Osaka in 2005. These are given in Appendix 9. Overall receipts and expenditure were largely consistent with the budget. The significant variations of the accounts compared to the budget were that income from the International Conference in Osaka 2005 was received in accounting year 2006 and the travel and subsistence costs of the ISSMGE Board were less than the budgeted amount. Council was then asked to approve the accounts. Professor Heerten (Germany) proposed the accounts be accepted, and this was seconded by Prof. Davies (UK). On a show of hands the accounts were accepted by unanimity.

BUDGET 2008-2009

70. The proposed budget was presented by Dr Lisyuk, and this along with some explanatory notes is given in Appendix 10. Dr Lisyuk stated that there were no significant changes regarding total income and expenditure compared to the forecast budget presented in Osaka. He went on to comment that there could be efforts made to increase the income from corporate sponsors. Professor Van Impe thought that this might conflict with the aims of the FIGS, which would be endeavouring to attract support from industry. Dr Lisyuk replied that this was a question of policy, rather than budget. The President commented that the proposed budget forecast a steady growth in the cash balance. Council was then asked to approve the budget. Professor Madhav (Iran proxy) proposed that the budget be accepted, and this was seconded by Er. Mahavir Bidasaria (India). On a show of hands, the budget was accepted by unanimity.

MEETINGS WITH MEMBER SOCIETIES AND OTHER MEETINGS

71. The President reported that he had 33 meetings with ISSMGE Member Societies as listed in Appendix 11. In addition he had attended 8 meetings related to the organisation of ISSMGE conferences, 9 meetings with the Sister Societies and IGS and ITA, and had participated in 8 Touring Lectures (now to be called “ISSMGE International Seminars”).

ANY OTHER BUSINESS

72. Professor Holtz (USA) asked when the decision would be taken on host society for the 2013 international conference. The Secretary General replied that at the Council Meeting in Prague 2003 it had been agreed that this decision would be taken four years in advance of the international conference.

APPENDIX 1: MEMBERSHIP

REPORT BY SECRETARY GENERAL

The accompanying Table indicates that the present ISSMGE membership is 17997 in 80 Member Societies. This compares to 15626 in 76 Member Societies reported to the Council Meeting held in Osaka, in September 2005. This includes new members Cuba, El Salvador, Georgia, Mozambique, and Uzbekistan.

The following countries are more than one year in arrears with their subscription fees: Azerbaijan, Bangladesh, CTGA, Ghana, Iraq, Kenya, Morocco, Peru, Sudan, Venezuela, Vietnam and Zimbabwe. Recently, there has been renewed activity in Kenya, and it is expected that the Kenyan Geotechnical Society will reform, and subsequently rejoin, ISSMGE.

The following societies have shown a significant increase in members during this year: Brazil now has 745 members (up from 673), Chile now has 74 (was 53), Mexico 393 (was 154) and the USA now has 2723 compared to 2462 in 2006.

At the Tunis Board Meeting (March 2007), a decision was made to produce a list of members on CD-ROM in time for the Brisbane Council Meeting. The information for the CD was correct

Member Society	No. Members	Africa	Asia	Australasia	Europe	North America	South America
Albania	36				36		
Argentina	56						56
Australia	822			822			
Austria	95				95		
Azerbaijan	13				13		
Bangladesh	33		33				
Belgium	182				182		
Bolivia	13						13
Brazil	745						745
Bulgaria	61				61		
Canada	680					680	
Chile	74						74
China	200		200				
Colombia	23						23
Costa Rica	30						30
Croatia	126				126		
CTGA	28	28					
Cuba	30						30
Czech & Slovak Republics	43				43		
Denmark	345				345		

Consequently the proposals for hosting the 2013 ICSMGE would be considered at the Council meeting in Alexandria in 2009.

DATE AND VENUE OF NEXT MEETING

73. The next council meeting would be held on Sunday 4th October 2009, at the Bibliotheca Alexandrina, in Alexandria, Egypt. The President thanked the Council delegates and the Board members for their contributions and support

74. The President closed the meeting, thanking the Australian Geomechanics Society and the Vice-President for Australasia for their hospitality and efficient organisation.

at mid-June 2007.

The current list of Corporate Members is:

Acciona Infraestructuras S.A, Spain
 Apageo S.A.S., France
 Bauer Maschinen GmbH, Germany
 Fugro N.V., Netherlands
 GeoDelft, Netherlands
 Georeconstruction Engineering Co., Russia
 Geo-Research Institute, Japan
 Golder Associates Inc., USA
 Jan de Nul, N.V., Belgium
 Keller Group Limited, UK
 Kiso-Jiban Consultants, Inc., Japan
 Naue GmbH, & Co. KG, Germany
 Norwegian Geotechnical Institute, Norway
 Sinotech Engineering Consultants, Inc., Republic of China
 Soletanche Bachy SA, France
 Tensar International, UK
 Terre Armée & Menard Soltraitment, France
 Tokyu Construction Co., Ltd., Japan
 Tractebel Development Engineering SA, Belgium

A new corporate sponsor joined in July 2007: gINT Software.

Member Society	No. Members	Africa	Asia	Australasia	Europe	North America	South America
Ecuador	38						38
Egypt	108	108					
El Salvador	30						30
Estonia	26				26		
Finland	173				173		
France	473				473		
Georgia	35				35		
Germany	686				686		
Ghana	21	21					
Greece	184				184		
Hong Kong	508		508				
Hungary	115				115		
Iceland	10				10		
India	217		217				
Indonesia	50		50				
Iran	191		191				
Iraq	11		11				
Ireland	22				22		
Israel	30				30		
Italy	245				245		
Japan	1401		1401				
Kazakhstan	40		40				
Kenya	21	21					
Korea	303		303				
Latvia	31				31		
Lithuania	40				40		
Macedonia	72				72		
Mexico	393					393	
Morocco	12	12					
Mozambique	32	32					
Nepal	22		22				
Netherlands	639				639		
New Zealand	331			331			
Nigeria	31	31					
Norway	349				349		
Pakistan	80		80				
Paraguay	53					53	
Peru	25					25	
Poland	315				315		
Portugal	227				227		
Romania	140				140		
Russia	305				305		
Serbia	30				30		
Slovenia	105				105		
South Africa	279	279					
South East Asia	200		200				
Spain	387				387		
Sri Lanka	34		34				
Sudan	25	25					
Sweden	730				730		
Switzerland	231				231		
Syria	17		17				
Tunisia	30	30					
Turkey	167				167		
Ukraine	113				113		
UK	1188				1188		
USA	2723					2723	
Uzbekistan	38		38				
Venezuela	25						25
Vietnam	18		18				
Zimbabwe	17	17					
TOTAL	18027	604	3363	1153	7969	3874	1064

APPENDIX 2: TECHNICAL COMMITTEE ACTIVITY

REPORT BY PRESIDENT

TC1: COASTAL ENGINEERING AND
DIKE TECHNOLOGY

Chairman: Dr. M.A. Van (The Netherlands)

Secretary: Dr. C. Zwanenburg (The Netherlands)

Terms of Reference:

1. discussion state of the art and developing the science and engineering in order to increase fundamental understanding and modelling of strength, deformation and erosion behaviour of soils and failure processes of dikes, dunes, (underwater) dams, reclaimed land, man-made islands and ports in river and coastal zone.
2. contributions to the international congresses of the society to increase the quality of design by including experience, such as large scale tests, case histories, failures, measurements, simulations and artificial knowledge
3. encouraging international collaboration of experts in multidisciplinary developments of new techniques for constructing and maintaining safe and reliable protection works
4. producing technical reports and encouraging international training and meeting in this research field and exchange experience and ideas on improving communication to other researchers, public and politics for more alertness and awareness

Planned Activities:

2007 Before September 24th: finalising members list, ToR, planning

September 24th-28th: Launch TC1 in Madrid for the occasion of the XIVth European Conf. on Soil Mech. and Geot. Eng.

2008 encouraging task forces and technical meetings; 3rd committee meeting connected to a Conference of ISSMGE

2009 4th committee meeting on the occasion of the XVII Internat. Conf. Soil Mech. and Geotech. Eng. Alexandria, Egypt; presentation of a volume on 'coastal engineering and dike technology' as one of the results of the task forces.

TC2: PHYSICAL MODELLING IN GEOTECHNICS

Chairman: Professor Sarah Springman (Switzerland)

Secretary: Dr. D White (UK)

Terms of Reference:

1. To promote exchange of information and co-operation amongst experimentalists and users of geotechnical physical modelling (including centrifuge testing).
2. To act as a contact point, via the TC2 website, for the profession- academics and industry- to obtain reliable information on geotechnical physical modelling.
3. To encourage effective dissemination of applications of physical modelling to practising engineers and researchers through established journals and conferences. In particular, to promote the International Journal of Physical Modelling in Geotechnics, supported by TC2 since being launched in 2001, as the major platform for interaction among physical modelers and a useful source of reference for geotechnical engineers.
4. To promote the organisation of 6th international conferences on Geotechnical Physical Modelling to be held in Hong Kong, 4-6 August 2006 and in Zurich in 2010.
5. To support and encourage the organisation of international, national and regional events on geotechnical physical modelling, including i) the inauguration of new experimental

facilities ii) specialist sessions within general conferences iii) regional networking events in addition to the quadrennial TC conferences and iv) the development and mentoring of new facilities and their early career researchers in under-represented regions.

6. To develop with other ISSMGE TCs, including TC1 (offshore/nearshore), TC4 (earthquake), TC6 (unsaturated soil mechanics), TC28 (underground construction) and TC35 (micromechanics) a mutual understanding of the role of physical modelling in addressing their geotechnical challenges.

7. To co-operate with other national and international groups interested in geotechnical physical modelling, including TRB TC A2K05 (modelling techniques in geotechnics) and ASTM task group D18.09 (centrifuge modelling).

8. To encourage presentation of papers on geotechnical physical modelling applications to general sessions of the next Alexandria XVII ICSMGE conference in 2009.

Planned Activities

- ISOPE07 in Lisbon, 1-6 July 2007, www.iso-pe.org
- XIV ECSMFEE "Spirit of Krebs Ovesen session - challenges in geotechnical engineering", in Madrid, 23 Sept 2007
- 13 ARC 2007: special session: "Physical modelling for infra-structure development", Kolkata, India, 12 Dec 2007
- Eurofuge 2008, at City University in London, May 2008
- Universidad de los Andes: Mid July 2007
- IIT Bombay, India: December 2007.

TC3: GEOTECHNICS OF PAVEMENTS

Chairman: Professor Antonio Gomes Correia (Portugal)

Secretary: Dr Dietmar Adam (Austria)

Website: <http://www.geoforum.com/tc3>

Terms of Reference

The goal of TC3 committee is to promote co-operation and exchange of information and knowledge about the geotechnical aspects in design, construction, maintenance and monitoring of pavements in transportation infrastructure (roads, railways, airports). For these purposes the following topics will be covered.

1. Design parameters for foundation layers of pavements (roads, railways and airports) Compile worldwide information about reliable existing data of modulus and damping. Application of "Artificial Neural Networks" to automate the prediction of design parameters" (Guidelines to take into account the nonlinear material behavior (modulus and damping) into the mechanistic design)
2. Earth structures in pavement and railway construction
3. Compile and homogenize specifications.
4. Work at CEN level to standardize the continuous compaction control (following the previous work of TC3)
5. Subsurface sensing for transportation infrastructure condition diagnostics
6. Synthesize the knowledge about current state of the art techniques (GPR, SASW, IR, etc.) to provide an image of subsurface anomalies and identify internal deterioration as well as prerequisite conditions for further deterioration. Integrating seismic (SASW) and deflection (FWD) monitoring to evaluate deterioration of pavement or rail track structures (asphalt and geomaterials stiffness degradation).
7. To promote TC3-sponsored sessions on Geotechnics of pavements in transportation infrastructures at ISSMGE-sponsored international and regional conferences on soil mechanics and geotechnical engineering, and to support special geotechnical, geo-environmental and unsaturated soils conferences on pavements in transportation infrastructures.

8. To cooperate actively with other technical committees whose field of activity involves important questions related to pavements in transportation infrastructures

TC4: EARTHQUAKE GEOTECHNICAL ENGINEERING AND ASSOCIATED PROBLEMS

Co-Chairmen: Takaji Kokusho / Atila Ansal (Japan/Turkey)
Secretary General/Assistant: Nozomu Yoshida/Hemanta Hazarika (Japan)

Website:

<http://www.civil.tohoku-gakuin.ac.jp/yoshida/tc4.html>

Terms of Reference

1. To promote the development of the state of the art and practice in earthquake geotechnical engineering and associated geo-hazards from technical and socio-economic viewpoints.
2. To exchange knowledge and information on geotechnical natural/man-made hazards associated with earthquakes that have occurred in recent years.
3. To develop or improve design methodologies of buildings and civil engineering structures by performance-based and probability-based approaches for mitigating geotechnical hazards associated with earthquakes.
4. To promote compilation and archiving of data and information on natural/man-made geotechnical hazards. As one of the activities toward this direction, it is planned to publish a case history volume accommodating well-instrumented geotechnical and earthquake data of good qualities, so that international geotechnical researchers can refer it as a benchmark for developing performance-based design methodologies.
5. To organize International Conferences on earthquake geotechnical engineering and associated problems in Greece in 2007 and encourage other international forums on the same topics.

Planned Activities

1. 4th International Conference on Earthquake Geotechnical Engineering (4ICEGE), Thessaloniki, Greece, June 25-28, 2007
2. TC4 meeting in Kolkata, India, during 2007 Asian Region Conference on SMGE, December 9, 2007
3. The 2nd International Conference on Geotechnical Engineering for Disaster Mitigation and Rehabilitation (GED-MAR08), Nanjing, China, May 30 – June 2, 2008
4. Technical Session of TC4 in the next ISSMGE conference, 2009.
5. International Conference on Seismic Case Histories for Performance-Based Design

Meetings, workshops and conferences co-sponsored by TC4

1. Geotechnical Earthquake Engineering Workshop, Christchurch, New Zealand, 21-24 November, 2006.
2. International Geotechnical Symposium on Geotechnical Engineering for Disaster Prevention and Reduction, Sakhalinsk, Russia, July 25-27, 2007
3. International Workshop on Earthquake Hazard and Mitigation (EHAM-2007), Assam, India, December 7-8, 2007
4. International Symposium on Geotechnical Engineering, Ground Improvement and Geosynthetics for Human Security and Environmental Preservation, Bangkok, Thailand, December 6-7, 2007.

Deliverables:

1. 4th International Conference on Earthquake Geotechnical Engineering (4ICEGE). Details can be found at <http://www.4icege.org>.
2. International Geotechnical Symposium on Geotechni-

cal Engineering for Disaster Prevention and reduction, Sakhalinsk, Russia

3. International Workshop on Earthquake Hazard and Mitigation (EHAM-2007), Assam, India.
4. The 2nd International Conference on Geotechnical Engineering for Disaster Mitigation and Rehabilitation (GED-MAR08), Nanjing, China.
5. Case Histories in Earthquake Geotechnical Engineering” by the end of 2008. (To be published by Balkema).
6. International Questionnaire on “Current state of geotechnical site investigation technologies towards global promotion of performance-based design principle”

TC5: ENVIRONMENTAL GEOTECHNICS

Chairman: Mario Manassero (Italy)

Secretary: Evelina Fratolocchi (Italy)

Terms of Reference:

1. To promote co-operation and diffuse the knowledge in the area of Environmental Geotechnics.
2. To promote advancements in research activities, professional applications and standardization in the field of Environmental Geotechnics.
3. To cooperate and contribute to the organization of congresses, conferences and symposia specifically devoted to the Environmental Geotechnics or other venues incorporating relevant part of it.
4. To establish co-operation and exchange of knowledge with national, international, public and private institutions for increasing visibility and promoting the Environmental Geotechnics skills and experiences.
5. To promote Environmental Geotechnics skills in order to get involvement in preparation and updating of laws and regulations by government agencies and public institutions.
6. To contribute to the advancement of new technologies for alternative energy sources, pollutant control and disposals.
7. To promote sustainable Environmental Geotechnology applications and to share knowledge between countries.

Planned Activities

- Core-Members Meeting - Osaka, September 13th, 2005 (16th ICSMGE)
- Core-Members Meeting, Cardiff, June 25th, 2006 (5th ICEG)
- Plenary Meeting, Cardiff, June 21th, 2006 (5th ICEG)
- Core-Members Meeting, Yokohama, September 16th, 2006 (8th Int. Conference on Geosynthetics)
- XIII ICSMGE, Osaka (Japan), 12-16/09/2005. TC5 was involved in the organisation of sessions related to environmental geotechnics.
- V Int. Congress on Environmental Geotechnics, V ICEG, Cardiff (UK), 26-30/06/2006.
- VIII International Conference on Geosynthetics, Yokohama, Japan, 18-22 September 2006.
- Workshop on “Environmental Geotechnics – TC5 Report”, 15.09.2005, XVI ICSMGE, Osaka.
- 2nd Workshop on Hydro-Physico-Mechanical Properties of Wastes, HPM2, Southampton (UK), 17-19 April 2007.
- 1st Pan-American Geosynthetics Conference, Cancun (Mexico), March 2008. A short course on GCL and a technical session on “Geosynthetics for remediation of polluted soils” are under proposal.
- 14th African Regional Conference, November 2007 (Yaoundé, Cameroon).
- 2nd Chemico-Physical and Hydro-Mechanics Phenomena in Environmental Geotechnics, Ghent (Belgium), June 2008.
- 6th ICEG, 2010. Until today there are two official

candidates (China and India) and 2 possible candidates (Baltic States and USA) to host this congress.

- TC5 report devoted to Environmental Geotechnics. The report is a scientific and technical state of the art addressed to practitioners and researchers in the field of Environmental Geotechnics. The report was officially presented at the 5th ICEG (Cardiff, 2006) as CD and it will be published in the near future.
- Cooperation with the International Geosynthetics Society

TC6: UNSATURATED SOILS

Chairman: Prof. Eduardo Alonso (Spain)
Secretary: Dr. Gerald A. Miller (USA)

Terms of Reference:

1. To promote cooperation and exchange of knowledge in the area of mechanics of unsaturated soils including, as examples, expansive, collapsible, residual, arid, and compacted soils, and its relevance to the solution of engineering problems.
2. To promote the exchange of information about testing of unsaturated soils for geotechnical and geoenvironmental purposes.
3. To participate actively in the technical program of the next International Conference on Unsaturated Soils.
4. To promote benchmark exercises to establish the capabilities of current theoretical frameworks and prediction methodologies in unsaturated soil mechanics.
5. To promote TC6-sponsored sessions on unsaturated soils at ISSMGE sponsored international and regional conferences on soil mechanics and geotechnical engineering, and to support special geotechnical and geoenvironmental conferences on unsaturated soils.
6. To cooperate actively with other technical committees whose field of activity involves important questions related to unsaturated soils, for example, TC5 on the Geoenvironmental Geotechnics and JTC1 on Landslides.

Planned Activities:

- UNSAT 2006 in Carefree, AZ (over 400 attendees, 215 papers in two volume proceedings)
- 3rd Asian Conference on Unsaturated Soils, Nanjing, China, April, 2007
- USS2007. 2nd International Conference on Mechanics of Unsaturated Soils, Weimar, March, 2007
- Host Workshop at the 14th European Conference on Soil Mechanics and Geotechnical Engineering
- 1st European Conference on Unsaturated Soils, UK, 2008.
- 5th International Conference on Unsaturated Soils, Barcelona, Spain (2010, with planning currently in progress).

The Unsaturated Soils web site can be accessed at www.dur.ac.uk/~des0www4/unsaturated/.

TC8: ON FROST

Chairman: Dr Seppo Saarelainen (Finland)
Secretary: Henry Gustavsson, (Finland)

Website: <http://www.tkk.fi/Yksikot/Osastot/R/Pohja/TC8/>

Terms of Reference:

1. Permanent deformations in thawing subgrades under traffic loading
2. Determination of frost susceptibility
3. Performance of insulation materials, by-products and waste materials in relation to frost action

4. Influence of climate change on frost action
5. To co-operate with the working group on “Permafrost Engineering” of the International Permafrost Association (IPA)
6. To arrange the next International Symposium on Ground Freezing and Frost Action in Soils, together with the International Symposium on Ground Freezing (ISGF).
7. To arrange session/workshop on frost geotechnics in the XVII ICSMFG, Egypt

Planned Activities

1. Meeting in Orono, Maine, USA in July 26th 2007 during the Conference on Cold Regions Engineering,
2. The Bangor Conference (the XII ICCRE) took place in Bangor, July 23-26 2006; w
3. The involvement of TC 8 in the technical sessions of ISCORD 2007, September 25-27, 2007, Tampere and in IX Int. Conf. Permafrost, June 29- July 3, 2008 in Fairbanks, Alaska.

TC16 - GROUND PROPERTY CHARACTERIZATION BY IN-SITU TESTS

Chairman: Prof. Paul Mayne (USA)
Secretary: John Powell (UK):

Website: <http://www.geoforum.com/tc16>

Terms of Reference:

1. To promote the utilization and improve the interpretation of in-situ tests to enhance geotechnical site characterization, including the determination of soil and rock properties, use of borehole techniques, penetration tests, and geophysical methods, and their variance.
2. Maintain an international website and email network, as well as hold several meetings, for interactive communication among the TC 16 members and geotechnical affiliates to share ideas, information, and technical solutions. The current TC 16 website is: www.geoforum.com/tc16
3. Host the 3rd international conference on site characterization (ISC-3) to exchange theoretical, practical, and applied research in the area of in-situ testing and geotechnical site investigation.
4. Maintain a set of international guidelines and standards for in-situ testing methods for reference on procedures and interpretation.
5. Upgrade the social importance & relevance of our geotechnical discipline within eyes of the public, private, commercial, industrial, and military communities.
6. TC 16 members plan to continue their interactivities with sister Technical Committees TC 1 (offshore investigations) and TC 29 (Laboratory stress-strain-testing behaviour).

Planned Activities

1. Third International Conference on Site Characterization which will be held from 01-04 April 2008 in Taipei.
2. Participation in the International Conference on Flat Dilatometer Test that was held in the Washington DC area in April 3-5, 2006. TC 16 held an informal meeting towards ISC-3, as discussed above.
3. Participation in sessions during the GeoShanghai Conference that was held in China from 3 to 6 June 2006. The 2006 James K. Mitchell was presented by Prof. Mayne and all of the JKM papers will be published within the new international journal: Geomechanics & Geoenvironment that is supported by Taylor & Francis Group, London.
4. Formal meeting during the Singapore Workshop on Characterization & Engineering Properties of Natural Soils from 29 Nov. to 02 Dec. 2006 at the Furama Hotel.

TC 17 – GROUND IMPROVEMENT

Chairmen: Serge Varaksin / Prof. Jan Maertens (France/Belgium)
Secretary: ir Noel Huybrechts (Belgium)

Terms of Reference:

1. Creation of the following Working Groups:
WG A – Concept & Design
WG B – Ground Improvement without admixture in non cohesive soils
WG C – Ground Improvement without admixture in cohesive soils
WG D – Ground Improvement with admixtures
WG E – Ground Improvement with grouting type admixtures
WG F – Earth reinforcement in fill
WG G - Earth reinforcement in cut
2. Working Groups to prepare brief descriptions of the appropriate techniques and a list of publications before end 2006 in order to put this information on the website of TC 17 (= ISSMGE Website);
3. Working groups to prepare a state-of-the art report on the appropriate and available techniques in ground improvement and subject (for WG A) for the next ISSMGE conference in 2009. In order to gather the necessary information each working group shall organize at least 1 workshop in 2008. Only invited persons and persons writing a contribution will be allowed to attend these workshops;
4. The state-of-the art reports prepared by the different working groups will be used as the basis of a number of regional conferences in 2010 and 2011.

Planned Activities:

At least every year a meeting of ITC 17 will be organized. The chairmen of the working groups will be invited to these meetings to report on their activities. Meetings will be held as follows:

- European Conference on Numerical methods in Geotechnical Engineering in Graz. The TC 17 meeting in Graz is provided on 9 September 2006.
- 16th SEAGC (8-11 May 2007, Kuala Lumpur)
- 14th ECSMGE (24-27 September 2007, Madrid).

TC18: DEEP FOUNDATIONS

Chairmen: Prof. Alain Holeyman / Prof. Dr. Ing. Rolf Katzenbach (Belgium / Germany)
Secretary: Ir. Maurice Bottiau (Belgium)

Terms of Reference

1. To promote co-operation and exchange of information on the design principles of pile groups and Combined Pile Raft Foundations (CPRFs) and on fundamental (soil mechanics) understanding of installation methods of piles;
2. To finalise and disseminate survey reports on the design and case histories of CPRFs, giving a comparative overview of present-day desing methods applied in practice;
3. To compile and disseminate case studies of static and dynamic tests on instrumented piles to get insights about the influence of the pile installation process in terms of soil-equipment-material interactions and its resulting influence on the load-bearing behaviour of piles and to use the tests for a benchmark for design methodologies.

Planned Activities

1. International workshop on “Design and Performance of Deep Foundations”, Airport of Frankfurt am Main, 6th July 2007.

2. 8th International Conference on the Application of Stress-Wave Theory to Piles, Lisbon, September 2008.

TC23 LIMIT STATE DESIGN IN GEOTECHNICAL ENGINEERING PRACTICE

Chairman: Y.Honjo (Japan)
Secretary: L.M.Zhang (Hong Kong)

Website: <http://www.cive.gifu-u.ac.jp/~tc23/index.html>

Terms of Reference

1. Discuss the issue of the introduction of the performance based design concept in conjunction with geotechnical limit state design.
2. Encourage exchanging information concerning issues that have arisen during implementation stage of limit state design codes in various countries and regions.
3. Discuss the matter of 'test values' and 'derived values' in addition to 'characteristic values' that has been discussed extensively in the past four years in TC23.
4. Review and advance the reliability based methodologies on determination of partial factors.
5. Discuss how partial factors be used in numerical design calculation, especially in FEM, and highly non-linear force-deformation behaviors.
6. Issues concerning geotechnical design codes in the small and/or developing countries: using Asian countries as an example.

Planned Activities

- 6-8 June, 2006, Shanghai, Geo-Shanghai International Conference 2006 – Session on Limit State Design in Geotechnical Engineering
- 2-3 November, 2006, Taipei, International Symposium on New Generation Design Codes and Geotechnical Engineering Practice – Taipei 2006
- 30 July – 3 August, 2007, Tokyo, 10th International Conference on Application of Statistic and Probability in Civil Engineering 10th ICASP)
- Afternoon 23 (Sunday) September, 2007 Madrid, Special Session in the sprit of Niels Ovesen, XIV ECSMGE, Co-organized by Danish Geotechnical Society, ETC10 and TC23
- An International Symposium on Georisk in corroboration with ITC32 and GI-RAM. (Geo-risk 2008)
- Either committee meeting or a workshop during ICSMGE in Alexandria, Egypt. An opportunity to conclude the 8 years of activities on Tasks set by ITC23.

Publications related to ITC23 activities

- Lin M.L., Chin C.T., Lin H.D., Honjo Y, and Phoon K.K. editors (2006): ‘New generation design codes for geotechnical engineering practice- Taipei 2006’, World Scientific, Singapore, 2006.

TC28: UNDERGROUND CONSTRUCTION IN SOFT GROUND

Chairman: Professor Richard Kastner (France)
Secretary: Dr Jamie Standing (UK)

Terms of Reference

1. To continue providing a forum for interchange of ideas and discussion using representatives from many countries with active interest in tunnelling and deep excavations.
2. To continue providing a data source of information concerning the design, construction and analysis of deep excavations and tunnels with particular emphasis on the develop-

ment, effects and control of ground movements and mitigation measures.

3. To encourage the publication of well documented case histories and reports on the design and monitoring of deep excavations and tunnels by ISSMGE Member Societies; and to disseminate and discuss these matters at international symposia on Geotechnical Aspects of Underground Construction in Soft Ground.
4. To make contact with other Technical Committees and encourage the participation in TC28 of members of these TCs such as TC37 (Interactive geotechnical design), TC2 (Physical modelling).
5. To continue the interaction with societies promoting trenchless technology and encourage their participation in the TC28 events
6. To report on the outcomes and other activities at the International Conference on Soil Mechanics and Geotechnical Engineering, Alexandria 2009

Planned Activities

- International Symposium in Shanghai (10th to 12th April 2008)
- Workshop in Budapest (originally planned for spring 2007, now postponed)
- Workshop in Perth (Australia) (12th September 2007)
- Administrative meeting of TC28 (during the ISSMGE European conference in Madrid)
- Database for tunnelling and deep excavations
- Guidelines for comparing field or physical model observations with numerical simulations

TC29: LABORATORY STRESS STRAIN STRENGTH TESTING OF GEOMATERIALS

Chairman: Professor Richard Jardine (UK)
Secretary: Prof. Satoru Shibuya (Japan)

Terms of Reference:

1. To promote co-operation and exchange of information concerning research and developments in advanced laboratory geotechnical testing, including apparatus, techniques, data acquisition and interpretation.
2. To encourage the application of advanced laboratory testing in research in integrated site characterisation studies and in ground modelling.
3. To explore how advanced testing can be used most constructively in practical geotechnical engineering.
4. To advance the above aims through collaboration with specialists working in laboratory and field testing, sampling, theoretical and numerical analysis, and in project engineering and full scale observation. This will involve close liaison with other ISSMGE Technical Committees.

Planned Activities

- A one day symposium, Imperial College London (20th March 2006)
- one day symposium was held in Hong Kong (3rd June 2006) in association with the Hong Kong Geotechnical Society, The Hong Kong Institution of Civil Engineers and the Hong Kong Polytechnic University
- A second-part day symposium at Imperial College in London (21st March 2007)
- 4th Int. Symposium on Pre-Failure Deformation Properties of Geomechanics at Atlanta, Georgia, USA between Sep. 21st-24th 2008.

TC32 – ENGINEERING PRACTICE OF RISK ASSESSMENT AND MANAGEMENT

Chairman: Farrokh Nadim (Norway)
Secretary: Gordon A. Fenton (Canada)

Website: <http://www.engmath.dal.ca/tc32/index.html>.

Terms of Reference

The goals of TC32 are to promote and enhance professional activities and education in geotechnical and geo-environmental engineering in areas related to:

1. Geostatistics and probabilistic site characterisation
2. Quantification of uncertainties in performance prediction
3. Reliability-based design
4. Risk-based decision analysis
5. Calibration of LRFD-type geotechnical design codes
6. Risk evaluation and risk mitigation

Furthermore, TC32 aims to reach a consensus on the formulation of the acceptable approaches to risk assessment and management involving geotechnical and structural designers, contractors, owners and decision-makers; as well as promote the general awareness of the advantages of risk assessment and management in ISSMGE conferences.

Planned Activities:

- Arrange special sessions and short courses in connection with relevant international conferences and seminars and assemble a set of course notes.
- Develop Guidelines for risk assessment and management in geotechnical engineering, including an extensive set of case studies, by December 2008. The guidelines should help practitioners identify the best approach (from a variety of available acceptable approaches) for their particular application.
- Organise an International Conference on Risk Assessment and Management in 2008. Alternatively consider a joint effort with other conferences that address the same themes.
- Develop a bibliography for risk assessment and management.
- Update the Glossary of risk terms and definitions by December 2007.
- Liaison and co-operation with other risk-related committees.
- Provide relevant information on the web to the geotechnical community.

TC 33: GEOTECHNICS OF SOIL EROSION

Chairman: Prof. Jean-Louis Briaud (USA)
Secretary: Dr. Michael Heibaum (Germany)

Website: <http://www.civil.tamu.edu/Research/Scour-tc33>

Terms of Reference

1. The erosion-advanced organizations (academia, government, private firms) in selected countries share their knowledge on Geotechnics of Soil Erosion including practice and applied engineering research with other countries interested in the topic. Deliverable = regional short courses, web pages. Schedule = yearly.
2. Exchanges take place on the international research progress. Deliverables = conferences and proceedings. Schedule = every 2 years.
3. Global guidelines are developed. Deliverables = reports, web based documents. Schedule = about 3 years.
4. A new web site is developed. Deliverables = a web site. Schedule = as soon as the new members are identified.

TC34: PREDICTION AND SIMULATION METHODS IN GEOMECHANICS

Chairman: Fusao Oka (Japan)
Secretary: Akira Murakami (Japan)

Terms of Reference

1. Prediction of chemo-thermo-hydro-mechanical coupled instabilities with special reference to progressive failure, liquefaction, chemo-thermo-hydro-mechanical coupled problem, erosion and rapid flow of complex fluidized geomaterials.
2. Advanced and comprehensive constitutive modeling of geomaterials and development of new advanced numerical methods with special reference to degradation and formation of soil structures, rate dependency, anisotropy, grain damage etc.
3. Calibration of constitutive models, numerical implementations, and verification of analysis methods.
4. Reevaluation of existing practical prediction methods by advanced and comprehensive numerical analysis methods.
5. Transfer of knowledge activities and training; Training and education on the existing applicable and comprehensive methods and new findings and cooperation with practitioners.

Planned Activities

- Workshop during the European Conference on SMGE, 2007 in Madrid, Spain.
- Workshop during the Asian conference on SMGE in Kolkata, 2007, India
- Workshop during or before the 17th ICSMGE in Alexandria, Egypt
- Int. Symposium on Prediction and simulation methods for Geo-Hazard mitigation, 2008 Osaka, Japan: co-organization of JGS
- Short course for training and education of advanced prediction and simulation methods in geotechnical engineering, 2006-2009; venue and the date are not decided.

TC35:GEO-MECHANICS FROM MICRO TO MACRO

Chairman: Prof. Malcom Bolton (UK)
Secretary: Prof. Masayuki Hyodo (Japan)

Terms of Reference

1. To promote co-operation and exchange of information about the behaviour of soil grains and granular interactions, so as to clarify the fundamental micro-mechanisms of the behaviour of soils.
2. To promote improved Discrete Element Modelling (DEM) of soil aggregates, through simulations of laboratory tests, especially with regard to the observation of grain crushing and rearrangement.
3. To encourage a micro-structural understanding of significant macroscopic behaviours such as compressibility, anisotropy, yielding, creep, cyclic liquefaction, shear rupture and tensile fracture.
4. To open up a discussion on the use of micro-structural measurements to enhance soil characterisation procedures (grading, plasticity index, CPT / SPT etc) and to clarify the selection and use of continuum parameters in geotechnical engineering practice.
5. To widen the scientific basis of geomechanics by linking with groups applying micro-mechanics to the study of granular materials in other fields of application such as rock mechanics, metal powders, ceramic pressings, and food processing.
6. To co-operate with other Technical Committees where the granular perspective is thought to be valuable to their work; this may include TC1 Offshore and Near-Shore Geotechnical Engineering, TC2 Geotechnics of Physical Modelling and Centrifuge Testing, TC3 Geotechnics of Pavements, TC6 Unsaturated Soils, TC29 Laboratory Stress Strain

Strength Testing of Geomaterials, and TC34 Prediction Methods in Large Strain Geomechanics.

7. To encourage local working groups on particulate mechanics, to organise regional workshops and international symposia, and to negotiate with major journals for the creation of special issues devoted to progress in this topic.

Supporting National Groups:

- UK Travelling Workshop in Geomechanics (Coordinator: Prof. M D Bolton)
- Japan National Committee for TC35 (Coordinators: Prof M Hyodo and Assoc. Prof. Y Nakata)

Activities 2005-present:

- Dec. 2005 3rd UK Travelling Workshop, Bristol. (Organiser: Prof. D Muir Wood)
- Dec. 2006 International Symposium on Geomechanics and Geotechnics of Particulate Media 12th -14th September 2006, Yamaguchi University. (Organisers: Prof. M. Hyodo and Assoc. Prof. Y Nakata)
- Dec. 2006 4th UK Travelling Workshop, Southampton. (Organiser: Prof. W Powrie)

Planned Activities

- Dec. 2007 5th UK Travelling Workshop, UCL, London. (Organiser: Dr B Baudet)
- Sept. 2010 International Symposium, Tongji University, Shanghai. (Organiser: Prof. M Jiang)

TC36 - FOUNDATION ENGINEERING IN DIFFICULT SOFT SOIL CONDITIONS

Chairman: G. Y. Auvinet (Mexico)

Terms of Reference

1. To foster cooperation and exchange of information on engineering characterization of difficult soft soil sites, focusing on the definition of representative soil profiles and static and dynamic properties to be considered in foundation design.
2. To elaborate recommendations for in situ and laboratory testing related to extreme soft soil conditions.
3. To contribute to the advancement of design method and technology issues related to foundations in soft soils taking into account factors that are commonly significant in those soils such as regional subsidence and seismic amplification.
4. To prepare proposals for monitoring schemes as well as for pile testing, in cases of foundation in extreme soft soil and/or earthquake conditions.
5. To collect and publish well-documented case histories regarding analysis, design, construction and behaviour of foundations and earth structures built on soft soils.

Planned Activities

- International Symposium on Rigid Inclusions in Difficult Soft Soil Conditions (2006).
- Foundation engineering in difficult soft soil conditions. Mexican Society of Soils Mechanics (SMMS) and Institute of Engineering, National University of Mexico (II-UNAM) on May 11 and 12th, 2006.
- Touring lectures (2006) - The TC36 committee was involved in various touring lectures including those given in: Chile, Paraguay, and Korea. To organise informal meetings between members of the committee and promote lectures in different countries.
- To participate in the 50th anniversary celebration of Mexican Society of Soil Mechanics, October 2007.
- Meeting during the Pan-American Conference in Isla Margarita, Venezuela, July 2007
- Meeting during European Conference in Madrid, Spain, September 2007.

- Meeting during ISSMGE International Conference in Alexandria, Egypt, 2009.
- Publications:
 - o “Foundation Engineering in Difficult Soft Soil Conditions”, edited by G. Auvinet and B. Indraratna, presented at the Osaka International Conference in 2005.
 - o The proceedings of the “International Symposium on Rigid Inclusions in Difficult Soft soil Conditions (2006)” edited by G. Auvinet, J.L. Rángel and M. Juárez

TC37: INTERACTION GEOTECHNICAL DESIGN

Chairman: Ken Been (Canada)

Terms of Reference:

1. To determine the extent of use of Interactive Geotechnical Design in different regions of the world, barriers to use of the approach and how it has been incorporated in geotechnical design codes and guidelines
2. To promote general awareness of the advantages of interactive geotechnical design through co-operation, exchange of information and discussions in the application of the Interactive Geotechnical Design, including related legal aspects and risk analyses;
3. To work with International Association of Bridge and Structural Engineers to stimulate closer co-operation in the understanding and assessment of potential failure and deformation modes associated with soil-structure interaction, thereby promoting safe and economic application of interactive geotechnical design
4. To promote the benefits of active monitoring in projects involving displacements resulting from settlement and stability
5. To formulate a good approach to the Observational method for large and geotechnically complex projects
6. To decide what can be done under the auspices of the ISSMGE promote the use of Interactive Geotechnical Design where appropriate or where there are barriers.

Planned Activities

1. Conduct a survey to determine the current status of the observational method, its application and barriers to wider application in member countries.
2. Approach the IABSE (International Association of Bridge and Structural Engineers) to determine their interest in a joint conference or workshop on Interactive Geotechnical and Structural Design.
3. Organise a conference towards the end of 2008 or in 2009 (hopefully with IABSE, and with TC 32) to:
 - disseminate the results of the survey
 - provide more case histories and examples of interactive design
 - develop an approach to promote the method and increase its use worldwide

TC38: SOIL-STRUCTURE INTERACTION

Chairman: Professor Vladimir Ulitsky (Russia)
Secretary: Dr. Michael Lisyuk (Russia)

Terms of Reference

1. To promote co-operation and expertise exchange within the area of soil-structure interaction amongst the leading research and design institutes and universities world-wide as well as amongst the largest contractors with the objective to enhance overall engineering and research expertise within this area.
2. To identify examples of well-documented case histories involving soil-structure interaction.

3. To analyse the case histories using various soil-structure interaction models and to compare the results with the real observations.
4. To serve as an organizational support in promoting and advancement of new calculation methods in soil-structure interaction, as well as in development of related interactive monitoring and application of the observational method with possibility of adjusting design decisions during the construction process.
5. To organize workshops and conferences on soil-structure interaction, and further inclusion of related sections into international (regional) scientific geotechnical conferences. To report on the results of its activities at these conferences.
6. To prepare a guide giving recommendations for practitioners' approach to soil-structure interaction problems.

Planned Activities

- Participation in XIII Danube-European Conference on Geotechnical Engineering, Ljubljana, Slovenia. 29-31 May 2006.
- Meeting of members of TC 38 (XIII Danube European conference in Ljubljana, 28-31 May 2006).
- Workshop “Basics of soil-structure interaction. Soil characterization and determination of soil parameters for use in soil-structure interaction analysis” (8-9 September 2006 – Saint Petersburg, 12-13 September 2006 –Ghent)
- Workshop “Use of soil-structure interaction principles for design of high-rise buildings” (14 May 2007 – Saint Petersburg, 17-18 May, Shanghai).
- Meeting of members of TC 38 (XIV European Conference SMGE (24-28 September 2007, Madrid).
- Participation of TC 38 members in the Touring lectures in Indonesia on Soil-Structure Interaction (17-19 October 2007, Jakarta) by invitation of ISSMGE President Prof. P. Sêco e Pinto.
- International geotechnical conference “Development of cities and geotechnical engineering” (Saint Petersburg, June 2008). Session “Soil-Structure Interaction”. Meeting of members of TC 38.
- After collecting the data on the case histories analyses to continuously work on preparation of a guide giving recommendations for practitioners' approach to soil-structure interaction problems. The guide should be based on the results of computations and comparison with the observational data on behavior of real building and structures.
- Preparation of the technical report on TC 38 activities and achievements to the XVII ICSMGE in Alexandria, Egypt, 2009.

TC39: GEOTECHNICAL ENGINEERING FOR COASTAL DISASTER MITIGATION AND REHABILITATION

Chairman: Dr Jian Chu, Singapore (SEAGS)
Secretary: Dr KK Phoon, Singapore (SEAGS),

Website: <http://reliability.geoengineer.org/TC39/>

Terms of Reference

1. To conduct and coordinate research and development activities on coastal related disaster prevention, mitigation and rehabilitation works.
2. To work with local professional bodies and governments to provide technical supports and assistance to the planning, coordination and implementation of disaster rehabilitation and disaster mitigation works in the disaster affected regions, and to identify technical problems and potential topics that require more research and development efforts.
3. To develop pamphlets for public education and documents or design guides for geotechnical works related to coastal disaster prevention, mitigation and rehabilitation, such

as pamphlets providing basic information on tsunami and earthquake in different languages, design guides for disaster rehabilitation and mitigation works, conducting hazard mapping, etc.

4. To coordinate and provide trainings and promote international research collaborations and cooperation through conferences, workshops, short courses, special training sessions, and other activities conducted jointly with local and international communities.

Planned Activities

1. 2nd International Conference on Geotechnical Engineering for Coastal Disaster Mitigation and Rehabilitation (GEDMAR08), Nanjing, China, May 30- June 2, 2008, jointly with TC4, Chinese Institution of Soil Mechanics and Geotechnical Engineering, Chinese Society of Environmental Geotechnics, and Hohai University.
2. Publishing a book on "Geo-disasters in Coastal Areas: Processes, Rehabilitation and Case Histories" by Thomson Learning.
3. Based on the book published, a State-of-the-Art Report will be submitted to ISSMGE before the next ISSMGE conference in Alexandria, Egypt, in 2009.
4. Supporting the International Symposium on New Generation Design Codes for Geotechnical Engineering Practice, held at Taipei, Taiwan, from 2-3 Nov 2006. The conference was organised by Taiwan Geotechnical Society and TC23.
5. Supporting the International Conference on Mitigation of the Risk of Natural Hazards, to be held at University of Peradeniya, Sri Lanka, from 27- 28 March 2007. The conference is organised by International Institute for Infrastructure Renewal and Reconstruction (IIIRR), Calgary University, Canada and University of Peradeniya, Sri Lanka.
6. Organising a 2-hour Special Session on Geo-hazard Mitigation at the 13th Southeast Asian Geotechnical Conference to be held in Kuala Lumpur, Malaysia, 8-11 May 2007.
7. Organising a 1.5-hour Special Session on Disaster Mitigation and Management at the 13th Asian Regional Conf on Soil Mechanics and Geotechnical Engineering, from 10-14 Dec 2007 at Kolkata, India.
8. Organising a Special Session on Disaster Prevention Technologies at the Kyushu 2007, 5th International Conference on Earth Reinforcement –New Horizon in Earth Reinforcement, November 14-16 2007 at Fukuoka, Japan.
9. Supporting the International Symposium on Geotechnical Engineering, Ground Improvement and Geosynthetics for Human Security and Environmental Preservation to be held in Bangkok, Thailand, from 6-7 Dec 2007. The Conference is co-organized by SEAGS, IGS Thailand and AIT and supported by IGS, TC4 and TC39.

TC40: FORENSIC GEOTECHNICAL ENGINEERING

Chairman: Dr. V.V.S.Rao, India
Secretary: Prof. G.L. Sivakumar Babu, India,

Website: <http://reliability.geoengineer.org/TC40/>

Terms of Reference

1. Project reconnaissance and characterization of the distress, including document search of plans, codes, and other technical specifications followed in the original design.
2. Diagnostic tests: Design and perform both field and laboratory tests using actual field parameters to evaluate the behaviour of soil / ground.
3. Back analysis: Selection of theoretical model and methods of analysis.
4. Instrumentation and Monitoring
5. Development of the most probable failure hypothesis and cross-check with original design.

6. Performing reliability checks
7. Legal issues involving jurisprudence system

Planned Activities

1. A one day discussion session was organized in Singapore on 30th May 2006 by Prof. K.K. Phoon. The conveners of the subcommittees attended the session. Technical content to be considered by each subcommittee was discussed and an overall format of the proposed book on Forensic Geotechnical Engineering was finalized.
2. A special session on Forensic Geotechnical Engineering is organized during 13ARC in Kolkata. Conveners of all subcommittees have prepared papers which will be presented and discussed during the session. A separate proceedings of the sessions will be brought out.
3. A workshop is planned in USA during 2008 on legal issues in FGE.
4. It is proposed to hold a separate session on FGE during ICSMGE at Cairo.

TC41: MEGA CITIES

Chairman: Dr. Arsenio Negro (Brazil)

Terms of Reference:

1. To promote the development of the state of the art and practice in geotechnical infrastructure engineering for Mega cities and associated geotechnical problems from technical and socio-economic viewpoints.
2. To exchange knowledge and information on geotechnical issues at during time of construction and reconstruction of Mega cities and new capitals, like Tokyo, Mumbai, Kolkata, St. Paulo, Rio de Janeiro, Mexico, New York, Istanbul, Cairo, Astana, Moscow, Brasilia, Berlin etc.
3. To develop or improve design conception and philosophy of Geotechnical infrastructures of construction of highstore buildings and unique objects on new capitals and Mega cities.
4. To promote compilation and archiving of data and information on developing on geotechnical records on Mega cities. As one of the activities toward this direction, it is planned to publish a case history volume accommodating different geotechnical data of good qualities, so that international geotechnical researchers can refer it as bridge for developing geotechnical engineering on problematic soil ground on Mega cities.
5. To interact with JTC 1- Slopes, TC 5-Environmental Geotechnics, TC 18- Deep Foundations, TC 28- Underground Construction in Soft Ground Conditions, TC 32- Engineering Practice of Risk Assessment and Management

Planned Activities:

1. Co-sponsor of the International Geotechnical Symposium in Sakhalin, Russia, in July, 2007.
2. Organize TC meeting in Kolkata, India, during ARC, December, 2007.
3. To offer jointly Sao Paulo/Rio de Janeiro as an alternative place for the First Geotechnical International Symposium on Geotechnical Infrastructure for Mega Cities in 2008. This would take advantage of technical visits to ongoing expansions of local flood control systems, of local metro systems, of slope stability and urban planning control in slums built in risk areas, of new plants generating electrical energy from municipal waste following Kyoto's Protocol.
4. Organize Technical Session in the next ICSMGE, 2009.
5. Edit and publish book Geotechnical infrastructures for Mega cities by end of 2008.

APPENDIX 3 – REGIONAL REPORTS BY VICE-PRESIDENTS

AFRICAN REGION – M. BOUASSIDA

NIGERIA

The Nigerian Geotechnical Association (NGA) has been quite busy with professional activities aimed at creating awareness in the field of geotechnical engineering among Nigerian engineers. The climax of these activities in 2006 was the successful delivery of a two-weeks course, titled "Onshore Geotechnical Investigation and Foundation Design", to very senior civil engineers and civil engineering discipline heads and supervisors working in the oil and gas industry in Nigeria.

The course was delivered in three modules, namely:

1. Site Characterization and Subsurface Investigation
2. Analysis and Design of Foundations
3. Soil Dynamics and Earthquake Engineering.

The objectives were:

1. To enable the participants acquire the capability to specify and manage onshore Geotechnical Investigation and design.
2. To provide the participants with the basic skills and understanding of the analysis and design of foundations for civil engineering structures, with emphasis on the onshore environment.
3. To provide the participants with the skills that will render them competent to identify earthquake and vibration design criteria and hence capable of proffering solutions for simple problems related to dynamic loading phenomena.

A total of four facilitators, led by Dr. K. Rainer Massarsch, took part in the Programme. The others include three Nigerians: Engr. Dr. Samuel U. Ejezie, Prof. S. C. Teme, and Engr. Dr. Y. A. Jimoh. The course lasted from 20 November to 2 December, 2006.

The overall feedback from the participants was a rating of "Excellent" and "Very successful" for the course. As a result, they recommended that the course should be organised twice during 2007 to expose more of their civil engineering staff to the benefits.

For the current year, 2007, the Nigerian Geotechnical Association plans to carryout several professional development activities. The programmes of some of these events have been finalised while a few others are being fine-tuned. Among those already delivered or at the "Ready-to-go" stage are:

1. Technical Seminar on "Marine Geotechnical Engineering" held on February 10, 2007, at the NSE Secretariat, Port Harcourt.
2. Intensive Course/Training programme on "Onshore Geotechnical Investigation and Foundation Design". - Phase 1. Date: 25 June - 8 July, 2007.
3. "Touring Lectures" under the auspices of the International Society for Soil Mechanics and
4. Geotechnical Engineering scheduled on September 3-4, 2007 (Lagos).
5. Lecturers: International Experts in the profession drawn from universities in Europe as well as Nigerian experts.
6. Post Touring Lecture "Technical Visit": September 5th, 2007.

7. Intensive Course/Training programme on "Onshore Geotechnical Investigation and Foundation Design". Phase 2 scheduled November 19th to December 2nd, 2007.

TUNISIA

Election of a new committee of Tunisian Society of Soil Mechanics (ATMS) on January 13th 2007. The activities of (ATMS), from September 15th 2006 to March 18th 2007, are summarized below.

1. Touring lecture "Soil improvement" December 15-16th 2006: Report available on ISSMGE website.
2. Lunch-meeting on December 17th 2006 in Tunis with four members of the Algerian Geotechnical Society. The collaboration programme between ATMS and AGeoS has been discussed. Mutual invitations between members of the societies are scheduled.
3. Election of the new committee of Tunisian Society of Soil Mechanics (ATMS) January 13th, 2007:
4. Participation in Problematic Soils and Materials (SOMAPRO) international Symposium: by High Institute of Technological Studies (ISET) of Sfax: February 9th – 11th 2007.
5. 2nd African Young Geotechnical Conference: Tunisia March 16-18th 2007. A report summarising all activities during this event is available on ISSMGE News Bulletin Issue 1, March 2007.

SOUTH AFRICA

The Geotechnical Division has had an active year during 2006 and a number of the highlights are summarised below.

1. New website (<http://www.geotechnicaldivision.co.za>)
The Geotechnical Division has created a new website which we are of the opinion will be a valuable tool to keep our members updated on news and future events. We have also registered our own domain name at: [geotechnicaldivision.co.za](http://www.geotechnicaldivision.co.za)
2. Lecture and courses:
The Geotechnical Division has again had a busy schedule of lectures, seven courses and meetings during 2006.

The Division has also presented a three day course on computational methods in geotechnics from 14 to 16 August 2006. One international speaker (Dennis Waterman from PLAXIS in Delft) was invited and a number of local speakers contributed to the course. 19 people from South Africa, Botswana and Zambia attended the course.

A two day seminar on piling will be held on 6 and 7 March 2007. Dr Fiona Chow from Worley Parsons Geosciences Group in Australia and Hilary Skinner from the Building Research Establishment in the United Kingdom have been invited to participate. In addition a number of South African speakers will make presentations.

The Division Committee is still in the process of finalising the events for 2007 and approximately six evening lectures are currently planned.

3. The Division published a number of articles in the April edition of the SAICE magazine and received favourable feedback from its members.
4. The Centenary Journal of the Division was published during 2006. The Journal is approximately 400 pages and collates the best and most ground breaking papers on geotechni-

cal related topics published in the SAICE Journal during the last 100 years.

The creation of MOZAMBICAN GEOTECHNICAL SOCIETY: Congratulations, the 11th African member Society has been officially affiliated in ISSMGE (June 2007).

EVENTS 2007:

1. The second Young African Geotechnical Engineers Conference (2nd YAGEC)

The venue of the 2nd YAGEC was preceded by the board meeting of ISSMGE held March 15th 2007 at National Engineering School of Tunis (ENIT).

About seventy (70) participants, from nineteen (19) countries, attended the 2nd YAGEC. Five industrial institutions exhibited their products related to geotechnical engineering. The proceedings of 2nd YAGEC included thirty six (36) papers from which twenty eight (28) oral presentations were given by young geotechnical engineers from seven countries (Algeria, Burkina Faso, Ghana, Libya, Senegal, South Africa and Tunisia).

ISSMGE Board members contributed to the event with five keynote lectures, presented by R. Frank, W Hachich, J Seychuk, M Lisyuk and M Madhav, and by chairing sessions for oral presentations (PS Pinto, N. Taylor, W. Van Impe, O. Kusakabe and M. Bouassida). The two best oral presentations each won an award of 250 Tunisian dinars donated by ATMS. The awarded papers were those presented by Mr. S.K. Ahiamadi (Ghana) and Madam I. Said (Tunisia). The 2nd YAGEC ended with a technical excursion to the project in progress “Radès La Goulette Bridge”, which involves considerable soft soil improvement by geodrains.

The participants commented on the good organization as well as the high quality of papers presented in the 2nd YAGEC.

2. Preparation in progress of 14th African Regional Conference (ARC): this event is scheduled at Yaoundé (Cameroon) November 26th to 29th 2007.

The VP of ISSMGE for Africa visited Yaoundé from April 30th to May 7th 2007.

In collaboration with P. Nouanga (Head of Labogénie) and E.M. Kana (Vice head of Labogénie), respectively Chairman and Vice-Chairman of the organising committee of 14th ARC, several aspects were discussed. A list of actions has been also programmed.

1. The organising committee of 14th ARC claimed officially the support of the African Bank of Development (ABD) which headquarters is located at Tunis to cover a part of expenses.
2. A financial support has been expressed from The Francophone University Agency (AUF) to take in charge travel expenses of francophone participants who will deliver paper presentations in 14th ARC.
3. The organising committee will provide a budget for African participants who will need a financial support during their participation in 14th ARC.
4. A new bank account has been opened in which sponsors and participants will make transfer amounts for attending the conference.
5. The website of 14th ARC “www.cra-yde-2007.org.cm” will be non-stop operating and providing updated information.

6. The organising committee set up eleven commissions (at Labogénie headquarters, Yaoundé) for suitable preparation of the conference which venue is “Palais des congrès”.

Updated information: papers, keynote speakers and proceedings of 14th ARC.

Of the 23 countries submitting papers, 13 African countries have submitted 70% of the total (i.e. 95 papers). Five themes cover problems as related to African soils. It is worth noticing the great effort deployed by the organising and advisory committees to make the 14th ARC an exciting event. Likewise, the scientific committee is trying to ensure a good scientific level for accepted papers, just as is usually done for international conferences. The review process of submitted papers is in progress.

Five keynote speakers have been identified.

The editors of the proceedings (one volume of about 650 pages) are: M. Bouassida (Tunisia), S. Ejezie (Nigeria), Eben Rust (South Africa), and E.M. Kana (Cameroon).

EVENTS 2008:

1. An international conference on geotechnical engineering will be held in Tunis March 28-30th. The link is: www.enit.rnu.tn/fr/manifestations/icge08/index.html
2. An international conference on numerical geotechnical models will be held in Skikda (Algeria): The link is: www.univ-skikda.dz

ACTIVITIES OF THE VICE-PRESIDENT

November 19th 2006. Council Advisory Committee Alexandria: preparation of 17th ICSMGE.

December 3-5th 2006. Keynote lecture in: International Conference on Problematic Soils. (Petaming Jaya, Salengor, Malaysia). “Modeling the behavior of soft clays and new contributions for soil improvement solutions. 2nd.Editors Bujang, Pinto & Jefferson, pp 1-12.

January 17th 2006. Awarded 2006 S. Prakash Prize for Excellence in Practice of Geotechnical Engineering.

February 2007. Keynote lecture in: International Symposium on Problematic Soils and Materials (French). “Comportement des sols mous en relation avec les solutions d’amélioration. Tirage séparé. Colloque « Sols et Matériaux à Problèmes » 09-10-11 février 2007. Hammamet.

May 2007. Two lectures on reinforced soils by columns and new developments related to soft soils behaviour were given at National Polytechnic School and High school of public works at Yaoundé (Cameroon).

ASIAN REGION – M. MADHAV

REPORT OF ACTIVITIES FOR THE PERIOD SEP 05 TO MAY 07

ISSUES

1. It is heartening to note that some national societies of countries, e.g. Hong Kong, India, Japan, Korea, Southeast Asia, have been very active.

2. We have to examine strategies to increase level of activity both internally and internationally, in countries such as Bangladesh, Pakistan, Nepal, Indonesia, etc.
3. The recently formed Uzbekistan Geotechnical Society, with 38 members, and headed by Prof. A.Z. Khasanov and Dr. I.I. Usmonhodjaev., has recently applied to join ISSMGE, and we expect that full membership will be granted within the next few months.
4. Efforts have been initiated to start society in the Middle-east/Gulf countries.

ACTIVITIES IN MEMBER SOCIETIES

BANGLADESH

The new team that took over – President: Prof. A.M.M Safiullah; Vice-President: Mr. Itemat-ud-Doula; Hon. General Secretary: Prof. S.J.M.Yasin. Lectures were organized on June 9 and July 25, 2006.

CHINA

Geoshanghai June 2006; ISL, GEDMR in 2008

INDIA

President: Er. Mahavir Bidasaria and Hon. Secretary: Mr. Jai Bhagwan

Conferences: The 48th annual Indian Geotechnical Conference was held at Chennai (formerly Madras) during 14-16th Dec.2006. The conference was attended by Prof. Fumio Tatsuoka, Prof. C.F. Leung, Prof. Neil Taylor, Secretary General, ISSMGE apart from several experts from abroad and India. During IGC-06 and Young Engineers Session was an added attraction with participation of 40 students and Research Scholars. Prof. Tatsuoka and Prof. Leung delivered keynote lectures.

13th ARC – 2007 is scheduled to take place at Kolkata from December 10-14, 2007 under the Chairmanship of Prof. N. Som. The full report is appended to this report.

Seminars/Workshops held during 2006

Allahabad Chapter of IGS: "Earthquake Disaster Technology and Management".

Bangalore Chapter of IGS would be hosting following important events: IGC-2008 - Diamond Jubilee Celebration of IGS – 2008 and 6 AYGEC – 2008.

Hyderabad Chapter conducted successfully The First Indian Young Geotechnical Engineers Conf. during March 2 & 3, 2007. 49 papers were presented and about 45 research scholars and young professionals participated.

IRAN:

President: Dr. Ali Noorzad & Secretary: Mrs. Mahyar Nourbakhsh. The good news is IGS has 202 ISSMGE members. 3 Papers to 13th ARC and 12 to First Sri Lankan International Conference (SLGSSR 2007) have been submitted. The 4th International Conference is proposed to be organised in Tehran on "New developments and lessons learned in Geotechnical Engineering" on November 7-9, 2008.

JAPAN

President: Prof. F.Tatsuoka and Secretary: Prof. Junichi Koseki.

IS Yamaguchi on Geomechanics and Geotechnics of Particulate Media was jointly hosted by TC35 and JGS, Sept. 2006. 41st National Conference on Geotechnical Engineering in Kagoshima, July, 2006.

ATC3:

The Second Japan - Taiwan Joint Workshop on Geotechnical Hazards from Large Earthquakes and Heavy Rainfall, includ-

ing technical visits to the sites devastated by 2004 Niigata-ken Chuetsu Earthquake, May, 2006, at Nagaoka City, Japan.

Proposed Activities: International Workshop on Earthquake Hazards and Mitigations, Indian Institute of Technology Guwahati, India, December 7-8, 2007.

International Symposium on Geotechnical Engineering for Disaster Prevention & Reduction, Yuzhno-Sakhalinsk, Russia, July 25-27, 2007, and

A special session during the 13th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering, Kolkata, India.

ATC10:

International Workshop in Dalian, China, September 2006.

International Seminar, Hanoi, Vietnam, March 2007.

KAZAKHSTAN

Touring lectures organised during Dec. 06. Speakers are Professor E.C.Shin (Incheon University, Korea) – «Soils and Soil Improvement»; Professor T.Tanaka (Tokyo University, Japan) – «Fundamentals of numerical methods on Geotechnical Engineering»; Professor T. Matsumoto (Kanazawa University, Japan) – «Pile Integrity Testing»; and Professor Dave Chan (Alberta University, Canada) - «Computer Application in Geotechnical Engineering».

KOREA

President: Prof. Dr. Byungsik Chun, Secretary: Dr. Sangseom Jeong

National Conferences: bi-annual (March and October), with international participation.

1st International Conference on New Developments in Geoenvironmental and Geotechnical Engineering, Incheon, Nov., 2006.

National Symposium on "Optimum Foundation Systems for Medium to Low-rise Buildings on Busan Clay Deposits", November, 2006.

The President and VP for Asia had a meeting in Seoul, on 25 March 2006 with the Board of KGS and other Members that are supporting the Technical Committees. Some of the issues discussed were:

- (i) ISSMGE Technical Committees
 - (ii) FIGS
 - (iii) Joint Technical Committees;
 - (iv) Touring Lecturers
- Incheon Conf. Nov. 2006.

NEPAL

No activity to report

PAKISTAN

I Int. Conf on Kashmir Earthquake, Sept. 2006

SEAGS

The Society Membership Status in the member countries is of great concern. The recent sentiments of member countries such as Malaysia, Singapore, and Thailand are to form their own National Societies. While the remaining countries in Southeast Asia consisting of Taiwan, Myanmar, Laos and Cambodia will remain with the Southeast Asia Chapter. It is planned to form the Southeast Regional Groupings to maintain active participants in ISSMGE and Regional Meetings to be finalized during the 16th SEAG Conference in Kuala Lumpur, Malaysia on 8 to 11 May 2007.

SRI LANKA

20th Anniversary Conf. in Aug. 2007.

SUPPLEMENTARY INFORMATION

Activity report of JGS and relevant ATCs for 2006

As of December, 2006, the Japanese Geotechnical Society (JGS) has about 13,000 members, including 1,407 international members, as summarized in the table below.

Membership status	Individual	Corporate	Student
International	1,358	49	-
Domestic	10,153	1,159	903
Emeritus	110	-	-

In September, 2006, we had the honor of meeting Prof. Pedro Pinto, the president of ISSMGE in Yokomaha. In the same month, IS Yamaguchi on Geomechanics and Geotechnics of Particulate Media was held successfully, jointly hosted by TC35 and JGS. It attracted 162 participants (36 international and 126 domestic) and 82 papers.

In addition, we held the 41st national conference on geotechnical engineering in Kagoshima in July, 2006. It attracted about 2,000 participants with 1,200 oral presentations.

In order to support the activities of technical committees of ISSMGE (TCs) and its Asian region (ATCs), we have organized the following domestic committees for the current term, as listed in the table below.

ISSMGE technical committees Chairperson and memberships of corresponding JGS domestic committees

ISSMGE technical committees		Chairperson and memberships of corresponding JGS domestic committees
TC3	Geotechnics of Pavements	Yoshida, N. (Kobe Univ.) and 15 members
TC4	Earthquake Geotechnical Engineering and Associated Problems	Kokusho, T. (Chuo Univ.) and 22 members
TC23	Limit State Design in Geotechnical Engineering	Honjo, Y. (Gifu Univ.) and 23 members
TC29	Laboratory Stress Strain Strength Testing of Geomaterials	Shibuya, S. (Kobe Univ.) and 13 members
TC34	Prediction and Simulation Methods in Geomechanics	Oka, F. (Kyoto Univ.) and 28 members
TC35	Geo-Mechanics from Micro to Macro	Hyodo, M. (Yamaguchi Univ.) and 17 members
ATC3	Geotechnology for Natural Hazard	Yasuda, S. (Tokyo Denki Univ.) and 26 members
ATC8	Groundwater Environment and Quality Management	Nishigaki, M. (Okayama Univ.) and 12 members
ATC10	Urban Geo-Informatics	Todo, H. (Kiso-jiban Consultants Co., Ltd.) and 15 members
ATC17	Waste Management in Geo-Environmental Engineering	Kamon, M. (Kyoto Univ.) and 15 members

We publish two periodicals. One is "Tsuchi to Kiso", a monthly journal in Japanese. The other is "Soils and Foundations", a bi-monthly technical journal in English. In 2006, we started to issue "Japanese Geotechnical Journal" as well, an on-line technical journal in Japanese.

Among other activities, we have developed and published a series of technical standards on laboratory soil testing, site investigation and geotechnical design and construction. Some of them are available in English. We are also acting as a participating member for ISO/TCs 182, 190 and 221.

The activity reports of relevant ATCs are summarized as follows.

ATC3:

The Second Japan - Taiwan Joint Workshop on Geotechnical Hazards from Large Earthquakes and Heavy Rainfall, including technical visits to the sites devastated by 2004 Niigataken Chuetsu Earthquake, organized by ATC3 was held on 18th to 20th, May, 2006, at Nagaoka City in Niigata Prefecture, Japan. The committee is also organizing the International Workshop on Earthquake Hazards and Mitigations (December 7-8, 2007, Indian Institute of Technology Guwahati, Assam), International Symposium on Geotechnical Engineering for Disaster Prevention & Reduction (July 25-27, 2007, Yuzhno-Sakhalinsk, Russia), and a special session during the 13th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering on 10th December 2007 at Kolkata, India.

ATC8:

The following activities were executed by ATC8 and its supporting domestic committee: domestic meetings (3 times), collecting information for Asian groundwater and geo-environmental issues, planning for international forum related to groundwater environment, and planning international symposium with sharing information with stakeholders.

ATC10:

The committee organized an international workshop in Dalian, China (1 September 2006) and prepared an international seminar to be held in Hanoi, Vietnam (26 March 2007). It also worked on the second case history volume of Urban Geoinformatics to be published in 2007. The information on these activities has been disseminated through the committee's web site. The domestic committee managed the discussion session of Urban Geoinformatics in the 41th national conference on geotechnical engineering in July.

ATC17:

ATC 17 on Waste Management in Geo-Environmental Engineering has been established in 2006. Seventeen members have been nominated from the ISSMGE member societies in Asia, and one secretary and 4 core members have been appointed. The JGS has established Japan National Committee on ATC17.

KOREAN GEOTECHNICAL SOCIETY

President: Prof. Dr. Byungsik Chun, Secretary: Dr. Sangseom Jeong
National Membership: 6000, ISSMGE Membership: 298 (February, 2007)

Activities (January 2006 – February 2007)

Organisation of National conferences (2006): bi-annually(in March and October), with international participation (some invited lecturers and guests, ISSMGE president Pedro Seco e Pinto, Dr Gilbert), with 350-450 participants and with exhibition of geotechnical firms.

Organisation of Seminars by Korean technical committees (2006): annually, with international participation (some invited lecturers and guests), with 100-150 participants.

Organisation of KGS-AGS workshops (2006): annually, with international participation (some invited lecturers and guests), with 200-250 participants.

Organisation of 1st International Conference on New Developments in Geoenvironmental and Geotechnical Engineering (Incheon, Nov. 9-11, 2006) : International conference, with international participation (some invited lecturers and guests), with 150-200 participants.

Participation in Asian region technical committees (2006): Continuous participation in ATC 7

The activities - National Symposium on “Optimum Foundation Systems for Medium to Low-rise Buildings on Busan Clay Deposits”, 17 November, 2006

Other Publications

Email-Newsletter (regularly, in every bi-month)

Future planned activities

More coordinated and stimulated activity in the TCs and ATCs. Continuous co-operation with other member societies.

Report on Touring Lectures in Vietnam on Soil Improvement and Foundation Engineering (For ISSMGE Newsletter)

The International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) and Vietnamese Society for Soil Mechanics and Geotechnical Engineering (VSSMGE) jointly organized the Touring Lectures in Hanoi (on 2-3 May 2007) and in Ho Chi Minh City (on 4-5 May 2007). The Advance Associates Consulting Corporation (AA-Corp) is the secretary of the Touring Lectures. The Guest Lecturers of this Touring Lectures include Prof. Pedro Seco e Pinto (President of ISSMGE), Prof. Madhira Madhav (Vice President of ISSMGE for Asia), Prof. Georg Heerten (Germany), Prof. Serge Varaksin (France), Prof. Eun Chul Shin (South Korea), Prof. Nguyen Ba Ke (Vietnam), Prof. Nguyen Truong Tien (President of VSSMGE), and Prof. Le Ba Luong (Vietnam).

The Subjects and Topics of the Touring Lectures cover different methods of soil improvement in soft clays and loose sands. Cases histories of soil improvement are presented and discussed. About 200 delegates participated in Hanoi Touring Lectures and 150 delegates involved in Ho Chi Minh City Touring Lectures. All delegates were very interested in the Lectures and Discussions. The Touring Lectures are very successful. This is the first time in the development of Soil Mechanics and Geotechnical Engineering in Vietnam that we can arrange Touring Lectures with the participation of the Leading experts from ISSMGE and developed countries. These Touring Lectures will open new opportunities, projects and programs of cooperation between Vietnam and other countries for sustainable developments and for a better quality of life.

On behalf of VSSMGE, our colleagues and friends appreciate very much wonderful and valuable contributions from the distinguished lecturers and the organizing committee members, i.e. Prof. Pedro Seco e Pinto, Prof. Madhira Madhav, Prof. Georg Heerten, Dr. Serge Varaksin, Prof. Eun Chul Shin, Prof. Nguyen Ba Ke, Prof. Nguyen Truong Tien, Prof. Le Ba Luong, Dr. Trinh Minh Thu, Arch. Le Thu Nga, Mr. Tran Dinh Ngo, Dr. Trinh Viet Cuong, Ms. Do Thanh Hong, Dr. Tran Tan Van, MEng Nguyen Duc Toan, Dr. Pham Quang Hung, MSc Pham Nhu Huy, Ms. Duong Bich Van, Ms. Le Thu Hanh, as well as other delegates and sponsors.

Please find enclosed the photos taken during the Touring Lec-

tures, a CD-ROM containing the Proceedings and video clips of the Touring Lectures in Hanoi. You are most welcome to visit Vietnam.

Best regards,

Nguyen Truong Tien

AUSTRALASIAN REGION – J. CARTER

INTRODUCTION

This report contains a summary of the highlights of the activities of the New Zealand Geotechnical Society (NZGS) and the Australian Geomechanics Society (AGS), for the period since the last Council meeting in Osaka, in 2005.

NZGS Activities

- NZGS has a new chairman, Dr C Y Chin. Dr Kevin McManus will stay on the NZGS Management Committee for another year as immediate past chairman. Steve Crawford takes on a role as ISSMGE liaison for NZ, supporting Prof. John Carter as ISSMGE Vice President for Australasia.
- NZGS Membership is about 570. Affiliation of NZGS members with ISSMGE currently stands at 340. This total may seem modest, but it represents probably the highest national per capita affiliation rate of any member society. New Zealand's population is just over 4 million, and so the affiliation rate is approximately 3 in 40,000 or the best part of 1 in 10,000, which is exceptional.
- NZGS will celebrate its 50th Anniversary in 2008, with celebrations planned for the New Zealand national symposium, to be held in Auckland in September 2008. The theme of the symposium is Soil-structure Interaction. Further details may be found at <http://www.nzgeotechsoc.org.nz>.
- One of the main highlights of the NZGS's activities recently has been the planning and successful bid for the 11th IAEG Congress to be held in September, 2010 in Auckland, New Zealand. As the Society's bid document and web pages clearly imply, geologically New Zealand 'has it all': "Active seismicity and volcanic fields, fault movement and ground shaking, liquefaction, slopes in tectonically deformed terrain, high intensity rainfall, geothermal fluids and ... collapsing cones, sensitive soils, slippery slopes, mylonite and melange, rock slide avalanches, boiling mud and geysers, pumice, ignimbrite, tephra and weak rock of many kinds. ... Aotearoa New Zealand is the country. Akarana Auckland is the city. Geologically Active is the theme. [NZGS] extend[s] a personal invitation to you to come on over to our place. Active, Auckland, Aotearoa New Zealand." Further details, including copies of the bid documents, can be found at the NZGS website: <http://www.nzgeotechsoc.org.nz>.
- The NZ Geomechanics Award is bestowed on the author(s) of papers that are distinguished in their contribution to the development of geotechnics in New Zealand. The award for 2005 was presented to S. A. L. Read, L. R. Richards and G. K. Cook for their paper entitled "Rock mass defect patterns and the Hoek-Brown failure criterion", Proc. 10th ISRM International Congress on Rock Mechanics, Johannesburg : 2, 947-954.
- Geomechanics News continues to set a very high standard as the flagship publication of NZGS. It appears twice per year, in June and December. Tables of contents of past issues can be found at: <http://www.nzgeotechsoc.org.nz/past-issues.html>.
- The Society's web page continues to service the Society and members. It is worth noting that income made from the

employment opportunities section has made the web page and the associated internet fees self funding. The website can be accessed at <http://www.nzgeotech.org.nz>.

- The 2007 NZ Geomechanics Lecture has been awarded to Dr D V Toan. Dr Toan will give his lecture entitled “A Geomechanics View on Heavy Duty Pavements” at the 2007 Brisbane ANZ Conference.
- The 2006 Young Geotechnical Professional (YGP) award for the best NZ paper at the 7th ANZ Adelaide YGP Conference was awarded to Lucy Coe.
- The next ANZ YGP Conference is to be held in Wellington in 2008. A committee of YGPs is currently preparing for this event.
- Professor Mick Pender was awarded the 2006 Turner Award, a prestigious award of the Institution of Prof. Engineers NZ [IPENZ]. Mr Terry Kayes was awarded the 2007 Turner award. Both engineers are members of NZGS and ISSMGE, and were promoted by NZGS for this award to IPENZ.
- Four NZGS members were promoted to the class of Fellow IPENZ: Gavin Alexander, Stephen Crawford, Rodney Hutchinson and Kevin McManus.
- Recent overseas speakers at NZGS local events include Prof. John Atkinson on the use and misuse of c' and ϕ' ; Dr Stuart Haig on Centrifuge modelling work done at Cambridge and its applications in geotechnical practice.
- NZGS warmly welcomes Prof. Michael Davies as the new dean of the University of Auckland Engineering School. Michael will soon relinquish the mantles of Chair of the BGS and the Scottish Geotechnical Society. Michael represented the UK at the ISSMGE Council in Osaka.
- NZGS has been active in many areas, with more focus placed on YGP activities. Local branch presentations occur monthly [sometimes more frequently with overseas speakers], particularly in the Auckland region. A cricket match was held in Jan. 2007, to set off the season with a six, and an annual purely social event is held at Old Government house to round out the year in December.
- Current and future issues for NZGS:
 - o A Stability Guidelines Committee has been formed and is chaired by Steve Crawford and Grant Murray. Their initial task is to review the AGS Landslide Risk Management Guidelines. This is seen as a benchmark document and may be adopted/adapted as a regional guide to establish uniformity across the Australasian region.
 - o A Geotechnical Earthquake Engineering Committee has been formed to develop a set of design guidelines for NZ conditions. A 1st draft of these guidelines is due soon for comment. The committee is chaired by Kevin McManus.
 - o Electronic Data Transfer Guidelines – this is being advanced by Rodney Hutchinson and is being modelled on the UK guide, which Rodney was involved in establishing. It is hoped that this will be used as an Australasian guide and will be promoted to AGS in draft later this year.

AGS Activities

- Current membership of AGS is approximately 1100, with approximately three quarters of the members choosing to affiliate with ISSMGE. Australia's participation rate is therefore in the order of 1 in 20,000, behind New Zealand, but probably still amongst the other leading nations.
- Mr Max Ervin, a past ISSMGE Vice-President for Australasia was selected for the Geotechnical Professional of the Year Award for 2006.
- Professor Robert Mair visited Australia in May 2006 and delivered his 2006 Rankine Lecture in both Sydney and Melbourne.
- Dr Del Fredlund visited Australia in September 2006 and re-presented his 2005 Terzaghi Lecture in Sydney, Brisbane,

Melbourne, Adelaide and Perth.

- Professor John Atkinson visited Australia in 2007 and presented lectures in major cities.
- The 2006 D. H. Trollope Medal was awarded to Majidreza Nazem from Newcastle University for his paper entitled “Stress integration and mesh refinement for large deformations in geomechanics”, by Nazem M., Sheng D. and Carter J. P. (2006), *International Journal for Numerical Methods in Engineering*, 6(7), 1002-1027.
- Patrick Wong and Ray Hatley were jointly awarded the 2004 Australian Geomechanics Award for the following two papers: “Ground Improvement Case Studies - Chemical Lime Piles and Dynamic Replacement” by P. Wong, *Australian Geomechanics*, Volume 39, No 2, pp. 47-60; and “Hydrogeology of the Botany Basin” by R. K. Hatley, *Australian Geomechanics*, Volume 39, No 3, pp. 73-91.
- The 2005 Australian Geomechanics Award has been decided in favour of Stephen Fityus, Greg Hawkins, Mark Delaney and Stephen Morton for their paper entitled “An Overview of Engineering Geology and Geotechnical Challenges in the Newcastle Region”, *Australian Geomechanics*, Volume 40, No 1, pp. 5-28.
- The 2007 E. H. Davis Memorial Lecture has been awarded to Dr Chris Haberfeld.
- The 2007 John Jaeger Memorial Award will be presented to Professor Robin Fell at the 10th Australia-Geomechanics Conference in Brisbane in October 2007.
- Keynote Speaker at the 10th ANZ Conference in Brisbane will be Dr Peter Mitchell and Dr Jon Christian will be the International Lecturer.
- The 2006 AGS - Don Douglas Youth Fellowship was awarded to David Piccolo at the 7th ANZ YGP held in Adelaide.
- Australian Geomechanics continues to be published quarterly, in March, June, September and December, by the Institution of Engineers Australia, and is edited and produced by the Australian Geomechanics Society. It provides both a journal and news magazine for matters of interest to the Australian geotechnical community, with Patrick MacGregor continuing to provide sterling service as its energetic editor.
- The Society has recently prepared and printed a series of articles and guides related to Landslide Risk Management. The comprehensive study that led to the development of these publications has received support from the Australian Government and local councils. The study was carried out by members of the AGS. A collection of these articles has been published in March 2007 issue of *Australian Geomechanics* and copies of them are also available on CD from AGS – see www.australiangeomechanics.org.
- Current and future issues for AGS:
 - o Promulgation of the AGS Landslide Risk Management Guidelines.
 - o The need for further engagement with younger geotechnical professionals.
 - o The need to interest students in a career in the geotechnical profession.
 - o The need to deal with the shortage of skilled and experienced geotechnical professionals, which is becoming more acute.

7th ANZ YGP Conference

- The 7th ANZ YGP Conference was held in Adelaide on 18-21 October 2006, jointly sponsored by the Australian Geomechanics Society, New Zealand Geotechnical Society, Engineers Australia, Institution of Professional Engineers New Zealand and the Australasia Institute of Mining and Metallurgy. Geotechnical engineers under the age of 35, with less than 10 years experience, from either a consulting or research background are encouraged to attend these conferences. At

the Adelaide conference, the AGS - Don Douglas Youth Award was presented to David Piccolo, whose paper was judged the best paper from Australia submitted to the Conference. This award provides support for attendance at the international YGP Conference and is jointly funded by Don Douglas P/L and AGS. The 2006 YGP award for the best NZ paper at the 7th ANZ Adelaide YGP was awarded to Lucy Coe. The NZ Young Geotechnical Professionals Conference Awards, jointly funded by the NZ Earthquake Commission Research Foundation and the NZ Geotechnical Society, are made available to support the attendance of the recipients at the international YGP conference.

10th ANZ Geomechanics Conference

The 10th ANZ Conference on Geomechanics will be held in Brisbane on 21-24 October 2007. The theme of the conference is "Common Ground". The intent of the conference is to bring together researchers and practitioners, designers and constructors, engineers and geologists, local and regional persons involved in geotechnics to share their experience and find their "Common Ground". The program will feature distinguished guest speakers, contributed papers and posters, and a debate.

Queensland enjoys a wonderful climate and offers some of the best tourism attractions in Australia. The local organizing committee takes great pleasure welcoming delegates and friends to Brisbane in October 2007. Further details may be found at: <http://www.anzgeo2007.com>

John Carter
ISSMGE VP Australasia

Stephen Crawford
ISSMGE Liaison for New Zealand
Updated October 2007

EUROPEAN REGION – R. FRANK

This report covers the period from September 2005 to May 2007. It is my first report, as VP for Europe, for the ISSMGE Council, after the 16th ICSMGE Conference held in Osaka in September 2005.

The European region of ISSMGE includes 35 Member Societies. 34 were already members at the Osaka conference. In May 2007, the Georgian Society has become the 35th Member.

The activities of the Member Societies in Europe have remained numerous and of varied nature. In this report, I try to give, through my personal activity as VP for Europe, the best possible overall picture. Nevertheless, by no means, this report can be taken as a complete report on the European activities.

I have presented 3 (progress) reports of ISSMGE activities in the European Region at the Board meetings:

- period September 2005 to March 2006, Board meeting of Rome, 15th March 2006;
- period March 2006 to August 2006, Board meeting of Curitiba, 1st September 2006;
- period August 2006 to March 2007, Board meeting of Tunis, 15th March 2007.

The present report contains the following sections.

Contents

- 1) Interaction with Member Societies in Europe
 - 2) National Conferences and events
 - 3) Regional Conferences (Baltic Sea, Danube, EYGECs and ECSMGE)
 - 4) European Technical Committees
 - 5) ISSMGE Touring Lectures
 - 6) Concerns, actions to be implemented
 - 7) Summary and conclusions
- Annex: Activities/News from some European Member Societies

1) Interaction with Member Societies in Europe

A number of meetings with the Board, or representatives of the Board, of Member Societies of Europe took place during the period. The items which were discussed usually included:

- membership;
- national activities;
- links with neighbouring countries;
- links with other countries;
- participation to ETCs, ITCs and JTCs;
- participation to the XIV ECSMGE (Madrid, September 2007);
- participation to the 17th EYGEC (Zagreb, July 2006), and to the 18th EYGEC (Ancona, June 2007);
- participation to other international events in Europe;
- other links with ISSMGE;
- ISSMGE Touring lectures;
- the issue of FIGS (Federation with Sister Societies, IAEG and ISRM).

Specific information and/or other topics which were discussed are given below.

27/9/2005 & 23/1/2006, Athens: Hellenic Society of Soil Mechanics and Geotechnical Engineering (ESEE&GEM). 5th Panhellenic Conference (Xanthi, May 2006) – see below, proposal to host the XV ECSMGE (2011) in Athens.

22/10/2005, Paris: Comité Français de la Mécanique des Sols et des Travaux de Fondations (CFMS), with President P. Sêco e Pinto; francophone issues, La Lettre de la Géotechnique, 14th ARC (Yaoundé, 2007), RTCs in Africa, YAGEC, Touring lectures in Africa, Education, Geotechnical libraries; task force for francophone issues.

1/11/2005, 7/11/2006 and 9/3/2007, Bucharest: Romanian Society for SMGE

1st Int. Conf on Education and Training in Geo-engineering Sciences: Soil Mechanics and Geotechnical Engineering, Engineering Geology, Rock Mechanics, to be hosted by the Romanian SSMGE (Constantza, 2-4 June 2008), newly created ETC 16 on Education and Training in Geotechnical Engineering (chaired by Prof. I. Manoliu, President of RSSMGE), 11th National Conference (Timisoara, 2008). Activities of RSSMGE are summarised in the Annex.

15/11/2005, Delft: Netherlands Society for SMGE with President P. Sêco e Pinto. Mainly the subject of the participation of NSSMGE in ETCs and JTCs was debated.

23/11/2005, Torino: Associazione Geotecnica Italiana national meeting of young University researchers (Bari, Sept 2006) & National Conference (Padova, May 2007).

22/2/2006, Lisbon: Sociedade Portuguesa de Geotecnica presentation of the Bureau for the period March 2004-March 2008 (President : Antonio Gomes Correia), 10th National

Conference (Lisbon, May 2006), 3rd Luso-Brazilian Conference every two years (Curitiba, 2006), 2nd Luso-Spanish days (Lisbon, September 2005; next one in Madrid, CEDEX, in 2007 or 2008), 1st Portuguese Seminar on Geosynthetics (Porto, November 2005), establishment in 2004 of a Scientific Committee for the Manuel Rocha Lecture (taking place since 22 years), agreement with ABMS (Brazilian Society) for the Journals "Soils and Rocks" and "Geotecnia", activities of CIMR, AITS and Geosynthetics in Portugal.

15/3/2006, Roma: Associazione Geotecnica Italiana with President P. Sêco e Pinto, Secretary General N. Taylor and Mario Manassero of AGI: participation of AGI to ETCs, ITCs and JTCS, as well as possibility for Italy to organise EYGEC in 2008 (Note: in fact, Italy is organising EYGEC in Ancona, June 2007 – see below).

22/5/2006, Prague: Czech and Slovak National Committee of the ISSMGE

affiliation to the Czech Academy of Sciences, proposal to host the XIVth Danube-European (Bratislava, 2010), Prague Geotechnical Days, Conference of Brno on foundations and Conference of Ustinad Labem, every year, Conferences of Bratislava and of Stupske Pleso, every two years.

28/5/2006, Ljubljana: Slovenian Geotechnical Society with President P. Sêco e Pinto and Secretary General N. Taylor. Mainly the subject of the XIII Danube-European hosted by the SGS and starting the next day was debated –see below.

29/5/2006, Ljubljana: Member Societies of Danube Region with President P. Sêco e Pinto and Secretary General N. Taylor. The 9 following Societies were represented: Austria, Croatia, Czech and Slovak, Germany, Hungary, Poland, Romania, Russia, Slovenia. The main point on the agenda was the presentation of the invitation by the Czech and Slovak Committee for SMFE to host the XIVth Danube-European Conference on Geotechnical Engineering (XIV DECGE, 2010) in Bratislava; this invitation was adopted unanimously. Prof. Brandl also transmitted the invitation from Austria to host the XVth DECGE in 2014. The delegates who were present felt that this invitation would certainly receive a very favourable answer during the Bratislava Conference.

20/7/2006, Zagreb: Croatian Geotechnical Society with President P. Sêco e Pinto. Note that, since June 2006, the Croatian Society for SMGE has become the Croatian Geotechnical Society, by merging with the rock mechanics society. Main point discussed : organisation of an ISSMGE Touring Lecture in Croatia (Cavtat-Dubrovnik, May 2007) focussed on the implementation of Eurocode 7 into Croatian geotechnical design practice – see below.

28/9/2006, Bremen: German Geotechnical Society (DGGT) The meeting took place at the occasion of the 29th Baugrundtagung DGGT in Bremen – see below. M. Nußbaumer (Chairman), G. Heerten (Vice Chairman), K. Laackmann (Managing Director) and I. Quirke represented the Board of DGGT. Activities of DGGT are summarised in the Annex.

19/4/2007, Tirana: Albanian Geotechnical Society with President P. Sêco e Pinto and President of AGS, Professor Luljeta Bozo. The meeting was held at the occasion the ISSMGE touring lecture (19-21 April 2007) – see below. It took place in the presence of 24 members of AGS. Activities of AGS are summarised in the Annex.

24/5/2007, Vienna: Austrian National Committee Meeting with President H. Brandl, Secretary D. Adam and H. Schweiger. Austrian conference, every two years in Vienna:

in January 2007, they were 200 participants from 33 countries. Vienna Terzaghi Lecture delivered by H. Poulos. Conference in Graz every year. Invitation in Vienna (2014) for the 50th Anniversary of the Danube-European Conference. Geotechnical engineering education in Austria.

2) National Conferences and events

The national conferences or events in which I could participate are the following. Other national conferences or events appear above, or in the reports from some Member Societies given in the Annex.

National Conferences

5th Panhellenic Conf on Geotech and Geoenvironmental Engng, Xanthi, 31 May-2 June 2006

The programme included an invited lecture by C. Vrettos and 10 Sessions with 11 theme lectures (including a Session on Geotechnical Engineering Education and Practice in South-eastern European Countries were 7 National reports were presented). The VP for Europe contributed by a theme lecture in a Session on Eurocodes. There were 560 participants from Greece and 12 delegates from southeastern European countries (Albania, Bulgaria, Croatia, Cyprus, Romania, and Serbia). 227 technical papers are included in the 3 volumes of the Proceedings. The 4th (post-conference) volume of the Proceedings will contain the invited and theme lectures and national reports, plus the opening addresses.

III Congreso Luso-Brasileiro of Geotecnia (III CLBG), Curitiba, 28 August 2006

The 3rd Portugal-Brazil Conference on Geotechnical Engineering took place in Curitiba (Parana) inside the framework of COBRAMSEG'2006 (together with XIII CBMSEG and IV SBMR). There were over 700 participants in total. A volume includes the papers corresponding to III CLBG. The CD distributed at the conference includes all the written contributions corresponding to the 3 events (among which the four international lectures delivered by M. Jamiolkowski and by J. Christian, J. Seychuk and R. Frank, members of ISSMGE Board).

29th Baugrundtagung DGGT, Bremen, 27-30 September 2006

Around 1000 participants attended the Geotechnical days of DGGT, the German Geotechnical Society (DGGT). This event takes place every two years. The first day was devoted to the Forum of Young Geotechnical Engineers. 32 contributions had been received (summaries are available). The proceedings of the 29th Baugrundtagung DGGT themselves contain the 43 full papers, which were presented on the next days.

Other events

XX Geotechnical Conference of Torino (XX CGT) on Geotechnical design with the Eurocodes, Torino, 22-23 November 2005.

Joint CFMS-BGA meeting "From modelling to Practice in Geotechnical Engineering", Paris, 25th November 2005.

Athenian Geotechnical Lecture (by Alain Pecker), 23rd January 2006.

12th Széchy Károly memorial session (including Lecture by President Pedro Sêco e Pinto), Budapest, 17th February 2006.

1st Workshop on Civil Engineering research, University of Minho, Braga, 23-24 February 2006.

Prague Geotechnical Days (including Prague Geotechnical Lecture by R. Frank), 22-23 May 2006.

Workshop: "Relevant problems in Romanian geotechnical engineering in 2007", Bucharest, 9 March 2007.

3) Regional Conferences

European calendar :

if ICSMGE takes place in year Y (e.g. Osaka in 2005; Alexandria in 2009), then in:

Y+1 is the Danube European Conference (XIII DECCE, Ljubljana in May 2006; XIV DECCE, Bratislava, 2010)

Y+2 is the European CSMGE (XIV ECSMGE, Madrid, September 2007)

Y+3 is the Baltic Conference (XI Baltic Sea Conf, Gdańsk, September 2008)

Y+1, Y+2 and Y+3 are the European Young geotechnical Engineers' Conference (17th EYGEC in Zagreb, July 2006; 18th EYGEC in Ancona, June 2007; 2008 is not yet fixed).

Y+4 is the ICSMGE (17th ICSMGE, Alexandria, in October 2009), together with IYEGC.

Conferences held during the period

X Baltic Conference, Riga, 12-14 October 2005

The X Baltic Conference took place in Riga (Latvia) in October 2005 (instead of 2004). Around 70 people participated from the 3 Baltic countries and from other European countries. It included 4 invited lectures, 4 technical sessions with 5 keynote lectures and 2 poster sessions. Volume 1 of the Proceedings includes 40 papers. Volume 2 is under preparation.

Following the meeting in Riga on 13/10/2005, with President P. Sêco e Pinto, the Baltic Conference has become the Baltic Sea Conference, and will thus include not only Estonia, Latvia and Lithuania, but also Russia, Finland, Sweden, Denmark, Germany and Poland, as well as Norway. The XI Baltic Sea Conference will take place in Gdańsk on 15-18 September 2008 – see below.

XIII Danube-European Conference, Ljubljana, 29-31 May 2006

www.danube-conference2006.si

The conference took place under the theme "Active geotechnical design in infrastructure development". The programme included the Heritage Lecture by B. Majes, the Suklje memorial Lecture by S. Leroueil and 2 other Special Lectures, 6 Discussion Sessions, 3 Poster Sessions and a Practitioners Forum. Both the President of ISSMGE and VP for Europe also contributed. There were 274 registered participants (217 delegates and 57 students and accompanying persons) The 3 volumes of the Proceedings include some 160 papers from 37 countries.

17TH EYGEC, Zagreb, 20-22 July 2006

<http://www.issmge.org/addon/view.asp?EventID=326&Lang>

The programme included 5 invited lectures and 53 presentations organised in 10 Sessions. Both the President and the VP Europe delivered an invited lecture. There were 83 participants in total, with 60 young geotechnical engineers from 30 European countries. The one-volume proceedings includes 53 presentations and one invited lecture. The CD also distributed at the conference includes the 53 written contributions and material covering all the invited lectures.

Conferences under preparation

18th European Young Geotechnical Engineers' Conference

(18EYGEC), Ancona, 17-20 June 2007

At the initiative of Professor Evelina Fratolocchi and of AGI, the 18th EYGEC takes place in Ancona, Italy. The invitation for the participation of one or two young delegates was sent to the Member Societies. There will be 51 presentations of young geotechnical engineers, from 29 Member Societies, as well as 4 keynote lectures (by P. Sêco e Pinto, W. Van Impe, M. Jamiolkowski and R. Frank).

XIV ECSMGE, Madrid, September 2007

www.ecsmge2007.org

The next European Conference in Madrid will be devoted to "Geotechnical Engineering in Urban Environment". The English and French versions of Bulletin 2, with the detailed programme of the sessions, are available since December 2006. It is to be noted that more than 300 papers (corresponding to nearly 2000 pages) from 30 Member societies in Europe have been accepted, as well 12 papers from other continents – see also report from the Spanish Society of Soil Mechanics (SEMSIG) in the Annex .

XI Baltic Sea Conference, Gdańsk, 2008

<http://www.pg.gda.pl/~BC11>

The Baltic conference is now widened to all the countries around the Baltic Sea, plus Norway. The 11th version will thus take place in Gdańsk on 15-18 September 2008, hosted by the Polish Committee on Geotechnics and Gdańsk University of Technology. Bulletin n° 1 has been issued in January 2007.

XIV Danube-European Conference, Bratislava, June 2010

The invitation by the Czech and Slovak Committee to host the next DECCE in Bratislava, in June 2010, was accepted.

XV ECSMGE, 2011

The British Geotechnical Association (BGA) and the Hellenic Society of Soil Mechanics and Geotechnical Engineering (ESEE&GEM) have respectively proposed to host the next ECSMGE in 2011, in Edinburgh and Athens. The decision will be taken during the meeting of the European Member Societies to be held in Madrid on 25th September 2007 (during the XIVth ECSMGE).

4) European Regional Technical Committees

General : ETC3, ETC7, ETC10 and ETC12 have been renewed for the period 2006-2009 and their Terms of reference have been approved. For the period 2001-2005, see report of VP for Europe (P. Sêco e Pinto) prepared for the Council meeting in Osaka (September 2005). ETC16 on Education has been created in 2007.

ETC3 "Piles foundations", Chairman: Maurice Bottiau from 2005 (Belgium)

The final composition of the committee is not yet finalised; the idea is to keep most of the members of the previous period (2001-2005).

ETC7 "Numerical methods in geotechnical engineering", Chairman: Cesar Sagaseta (Spain)

Core members from outside Europe are also included (S. Sloan from Australia and J. Pestana from the U.S.). ETC 7, together with Graz University of Technology, organized very successfully the 6th NUMGE in Graz in September 2006 (Chairman: H.F. Schweiger) (see : www.numge06.tugraz.at). The conference had a benchmarking exercise on the design of a geotechnical structure using numerical methods. A special session on "Numerical modelling of Ground Improvement" was also organized by ITC 17 (Ground Improvement). Apart from NUMGE, the work programme for 2006-2009 has been prepared. In particular, a workshop will be organised in Ma-

drid at the occasion of the XIVth ECSMGE in September 2007.

ERTC10 "Evaluation of Eurocode 7", Chairman : Trevor Orr (Ireland)

The full proceedings of the International Workshop organised by ETC 10 at Dublin, were published in December 2005 (Dept Civil, Structural and Environmental Engng, Trinity College Dublin, Ed. T. Orr). They include the reports on 10 design examples, the model solutions of these examples and papers on general aspects of designs to Eurocode 7 and other limit state designs. A website for ETC 10 has been established (with link to this website from ISSMGE website: www.tcd.ie/Civil_engineering/research/geotechnics/etc_10.htm).

ETC10 will participate, in particular :

- together with the Danish Geotechnical Society and TC23, in the organisation of a special session in the Spirit of Niels Krebs Ovesen to be held on 23rd September 2007, at the occasion of the ECSMGE in Madrid;
- in Discussion Session 1.1 during the XIVth ECSMGE in Madrid.

A Second International Workshop might also be organised in 2008 (with the aim to publish the results before the 17th ICSMGE in Alexandria).

ETC12 "Evaluation of Eurocode 8", Chairman : Michele Maugeri (Italy)

The General Report on the activities for the 2003-2006 period, Proceedings of the Athens Workshop (held on 20-21 January 2006), can be downloaded from :

<http://users.civil.ntua.gr/gbouck/site/etc12/proceedings.html>

It includes a summary of proposed (future) updates of Eurocode 8-Part 5 (geotechnical issues) prepared by G. Bouckovalas. The new committee (2006-2009), under the Chairmanship of M. Maugeri, will organise a workshop in Madrid at the occasion of the XIVth ECSMGE in September 2007.

ETC 16 "Education and Training in Geotechnical Engineering", Chairman : Iacint Manoliu (Romania)

The Terms of reference and list of Core members of this new ETC have recently been approved. The Core members have been nominated. ETC 16 will participate, together with JTC3, in the organisation of the "1st Int Conf on Education and Training in Geoengineering Sciences: Soil and Rock Mechanics, Geotechnical Engineering, Engineering Geology", to be hosted by the Romanian SSMGE (Constantza, 4-6 June 2008).

5) ISSMGE Touring Lectures

The two following Touring Lectures have taken place. They were both a great success.

Tirana, 19-21 April 2007, on "Embankment Dam Engineering"

At the initiative of President Luljeta Bozo and of the Albanian Geotechnical Society, an ISSMGE Touring lecture has been organised in Tirana on 19-21 April 2007, with the subject "Embankment Dam Engineering". Around 80 geotechnical engineers attended. The invited lecturers were G. Bouckovalas (Greece), R. Frank (France), Alfred Frasher (Albania), Kristo Goga (Albania), Niko Naska (Albania), P. Sêco e Pinto (Portugal) and I. Vanicek (Czech Republic).

Cavtat-Dubrovnik, 17-20 May 2007, on "Implementation of Eurocode 7 on Geotechnical design"

At the initiative of President Vlasta Szavits-Nossan and the Croatian Geotechnical Society, an ISSMGE Touring lecture has been organised in Cavtat-Dubrovnik on 17-20 May 2007, with the subject "of Eurocode 7 on Geotechnical design". 81

geotechnical engineers attended: 63 from Croatia, 12 from Slovenia, 1 from Bosnia-Herzegovina and 5 invited lecturers from abroad. The invited lecturers were T. Ivšić (Croatia), T. Orr (Ireland), B. Schuppener (Germany), P. Sêco e Pinto (Portugal), B. Simpson (UK), A. Szavits-Nossan (Croatia) and R. Frank (France).

6) Concerns, actions to be implemented

- the decision concerning the host country for the 19th EYGECs (2008) has not yet been taken;
- following the letter sent out to the Member Societies in October 2006 asking them about their feeling regarding the proposed Federation of International Geo-Engineering Societies (FIGS), only 8 answers out of 34 were received. It should be noted that 6 of them are rather opposed, or completely opposed, to the Federation as described in the Draft Agreement

7) Summary and conclusions

During the period from September 2005 to May 2007, the activities in Europe have remained numerous and varied.

They included many national conferences and other events, as well as the X Baltic Conference in Riga (2005), the XIII Danube-European Conference in Ljubljana (2006), the 17th Young Geotechnical Engineers' Conference in Zagreb (2006) (the 18th takes place in Ancona in June 2007), and two ISSMGE Touring Lectures (Tirana and Cavtat, 2007).

Five European Technical Committees are currently in operation.

In May 2007, the Georgian Society became the 35th Member of the European region of ISSMGE.

The XIV European Conference SMGE will take place in Madrid from 24th to 27th September 2007, with the theme "Geotechnical Engineering in Urban Environment". It is certainly going to be an outstanding event for many geotechnical engineers from Europe and elsewhere.

I tried to give, through my personal activity as VP for Europe, the best possible overall picture. Nevertheless, this report cannot be taken as a complete report on the European activities.

29 May 2007

Roger Frank

ISSMGE VP for Europe

ANNEX : Activities/News from some European Member Societies

ALBANIAN GEOTECHNICAL SOCIETY
(Message from President Luljeta Bozo)

Dear Prof. Roger Frank

I have received your message of 29 March 2007. I inform you about activity and need of our society.

a) I think the main needs of the our society and for the our region are:

- qualification of young, engineers in the geotechnical fields to arrive soon at the master's degree and doctor's degree (PhD)
- the better collaboration between academics and industry.
- the more active change of information between different societies in our field.

- the implementation as soon as possible of EC-7 in design practice.
 - the information about new technology used for improvement of soils, embankment, dams, slopes etc.

b) Our society is working well but we need continuously the support from the ISSMGE for Europe or in general from ISSMGE.

c) I think in Albania will have an international workshop in the field of partial application of EC-7 in our practice.

I would like also to inform you about some results of our society:

- 36 members which are civil engineers, hydrotechnics engineers and geologists.

- 17 members or 50% young engineers (younger than 35 years)

- 9 members or 25% women

- 6 members or 17% qualified specialists, as professors, doctors of science and master of science

- 16 members or 44% pedagogues, or part time pedagogues in Civil Engineering Faculty.

. AGS participated (from year 2000) in ten international conferences with papers.

. AGS organized (from year 2000) six short courses with civil engineers and students of 5-th year of Civil Engineering Faculty.

. Since year 2000, members of AGS have published four book for students and civil engineers:

- Rock Mechanics

- The basement of churches in Albania

- Soil Dynamics (3 parts)

- Soil Mechanics .

This is all my information. I wish all the well for you

Kind regards Luljeta

GERMAN GEOTECHNICAL SOCIETY (DGGT)

German Report for the ISSMGE Council Meeting in Brisbane, 21st October 2007

German Geotechnical Society (DGGT) (Deutsche Gesellschaft für Geotechnik e.V.)

The principal office bearers are:

Chairman: Prof. Dr.-Ing. E.h. Manfred Nußbaumer M.Sc.

Vice Chairman: Prof. Dr.-Ing. Georg Heerten

Managing Director: Ms. Dr. rer. nat. Kirsten Laackmann

The society counts with 1890 members. This number is made up by 1778 ordinary members,

94 extraordinary members (companies) and 18 promoting institutes. The national German group of the ISSMGE has 682 members.

National conferences (2005 - 2007):

Our largest and most well-known conference, the 29th Conference on Geotechnical Engineering (29. Baugrundtagung), was carried out in Bremen, September 27 - 30, 2006. The topics of the conference were:

- International contributions from the field Geotechnical Engineering

- Soil Mechanics

- Special Underground Construction

- Infrastructure

- Research and Development

- Prevention of Catastrophes

- Arbitration

The conference was preceded by a special session for young geotechnical engineers. An exhibition with 70 exhibitors, presenting their products and know-how, took place during the conference. Besides the conference lectures, two technical excursions were offered to the participants. Accompanying persons had their own programme. And by tradition, there

was a gala dinner. The conference was well organized and had a high standard, being attended by about 1000 persons.

Seminars, workshops and colloquia (2005 - 2007):

Seminar "New Regulations in the 4th edition of the recommendations by Working Group Building Pits", Essen, June 20, 2006

Workshop "Tunnel and Cavity Construction", Weimar, June 20 - 21, 2006

Seminar Ground Engineering "Presentation of the new recommendations including programme on partial safety", Berlin, 29 March 2007

German membership in the technical committees is as follows:

TC 1 Coastal Engineering and Dyke Technology, 1 Member

TC 3 Geotechnics of Pavements, 1 Core Member

TC 4 Earthquake Geotechnical Engineering and Associated Problems, 1 Member

TC 5 Environmental Geotechnics, 2 Members

TC 6 Unsaturated Soils, 1 Member

TC 8 Frost Geotechnics, 1 Core Member

TC 16 Ground Property Characterization from In-Situ Tests, 1 Member

TC 17 Ground Improvement, 1 Core Member, 1 Member

TC 18 Deep Foundations, German Chairman, 1 Core Member, 2 Members

TC 23 Limit State Design in Geotechnical Engineering, 1 Core Member, 1 Member

TC 28 Underground Construction in Soft Ground, 3 Members

TC 32 Engineering Practice of Risk Assessment and Management, 1 Core Member

TC 33 Geotechnics of Soil Erosion, 2 Members

TC 35 Geo-Mechanics from Micro to Macro, 1 Core Member, 1 Member

TC 36 Foundation Engineering in Difficult Soft Soil Conditions, 1 Core Member

TC 37 Interactive Geotechnical Design, 1 Member

TC 38 Soil-Structure Interaction, 1 Core Member

TC 39 Geotechnical Engineering from Coastal Disaster Mitigation and Rehabilitation,

1 Member

TC 40 Forensic Geotechnical Engineering, 1 Member

The periodical journal of the DGGT is the "Geotechnik" with 4 issues each year.

Between 2005 - 2007 the German working groups published 4 recommendations and the DGGT published 3 pocket books on tunnelling (Tunnelbautaschenbuch) and 8 conference proceedings.

In the field of soil mechanics and geotechnical engineering, the biennial conference venues have been decided until 2010. The 30th Baugrundtagung will take place in Dortmund, 24 - 26 September 2008 and the 31st Baugrundtagung in Munich, 3 - 5 November 2010.

POLISH COMMITTEE ON GEOTECHNICS

Report of the Activities of the European Member Societies of ISSMGE,

Polish Committee on Geotechnics, (2006 - 2007)

- Principal office bearers

President: Prof. Zb. Młynarek

Honorary President: Prof. E. Dembicki

Vice Presidents: Prof. M. Gryczmański, Dr W. Cichy

Secretary: Prof. Zb. Lechowicz

Treasurer: Prof. A. Bolt

- National Membership: 360
 - ISSMGE Membership: 315
 - Organisation of National Conferences (2006-2007)
 XIV National Conference on Soil Mechanics and Geotechnical Engineering with 3rd Young Geotechnical Engineers Conference, Augustów/Białystok, Poland, 20 - 23 June 2006.

- Organisation of Seminars and Workshops (2006-2007)
 3rd International Workshop on “Soil design parameters from in situ and laboratory tests”, Baranowo/Poznań, 24-27 September 2006. Invited Speakers: Don de Groot (USA), M. Long (Ireland), T. Lunne (Norway), S. Marchetti (Italy), R. Massarsch (Sweden), F. Danzinger (Brasil), F. Schnaid (Brasil), H. Tanaka (Japan).

- Participation in International Conferences (2006-2007)
 XIII Danube-European Conference on Geotechnical Engineering, 29-31.05.2006 Ljubljana, Slovenia.
 Keynote lecture „Site characterization for geotechnical and geoenvironmental purposes” in Session 1 - Prof. W. Wolski
 Panelist in Discussion Session 1 - Prof. Zb. Młynarek
 Chairperson Discussion Session 2 „Ground improvement and reinforcement” - Prof. E. Dembicki
 Panelist in Discussion Session 2 - Prof. M. Topolnicki

- Participation in ISSMGE Technical Committees
 TC2 - Prof. Ryszard Izbicki, TC3 - Prof. Leszek Rafalski, TC4 - Prof. Hanna Suchnicka, TC5 - Prof. Wojciech Wolski, TC6 - Prof. Kazimierz Garbulewski, TC8 - Prof. Krystyna Skarzyńska, TC16 - Prof. Zbigniew Młynarek, Dr Wojciech Tschuschke, TC17 - Prof. Bohdan Zadroga, TC18 - Prof. Kazimierz Gwizdała, TC23 - Prof. Maciej Gryczmański, TC28 - Prof. Anna Siemińska-Lewandowska, TC29 - Prof. Alojzy Szymański, TC32 - Dr Olgierd Puła, TC33 - Dr Bolesław Kłosiński, TC34 - Prof. Jan Gaszyński, TC35 - Prof. Maciej Kumor, TC36 - Prof. Zbigniew Lechowicz, TC37 - Prof. Adam Bolt, TC38 - Prof. Michał Topolnicki, TC39 - Prof. Maciej Werno, TC40 - Dr Włodzimierz Cichy

- Periodical Journals
 Special Sections “Geotechnical Engineering” in the Polish Journal “Maritime Engineering and Geotechnics”.
 Studia Geotechnica et Mechanica.

- Future planned activities
 11th Baltic Sea Geotechnical Conference „Geotechnics in Maritime Engineering”, Gdańsk, Poland, 15 – 18 September 2008. www.11bc.pg.gda.pl
 XV National Conference on Soil Mechanics and Geotechnical Engineering with 4th Young Geotechnical Engineers Conference, Bydgoszcz, Poland, 2009.
 4th International Workshop on “Soil design parameters from in situ and laboratory tests”, Baranowo/Poznań, Poland, 2008/2009.

- Other Important Items
 - In the frame of Polish Committee on Geotechnics there are two subcommittees:
 1. Underground Constructions Subcommittee
 2. Engineering Geology Subcommittee.

Two young geotechnical engineers from Poland participated in the 17th European Young Geotechnical Engineer's Conference (EYGEC), 20 - 22 July 2006, Zagreb, Croatia.

ROMANIAN SOCIETY FOR SMGE

Short report on the activity of Romanian Society for Soil Mechanics and Geotechnical Engineering
 The report refers to the period September 2005 – April 2007,

following the last ISSMGE Council held in Osaka.
 In the mentioned period, three events took place at national level, two of them with international participation.

1. Workshop: Writing and checking the Geotechnical reports, Bucharest, 17 March 2007

The attendance of 85 was composed mainly by geotechnical engineers directly involved in ground investigation matters, but also by structural engineers as principal beneficiaries of the geotechnical reports, representatives of the State Inspection for Constructions, of large investments companies, of local authorities etc.

2. Workshop: “Relevant problems in Romanian geotechnical engineering in 2007”, Bucharest, 9 March 2007

The Workshop covered a broad spectrum of problems, such as the presentation of the National Annex for EC7-1, the restructuring of the national system of codes and regulations, effects of the deep excavations in urban areas on constructions in the vicinity, geotechnical environmental issues etc.

The attendance of 103 was composed mainly by geotechnical engineers and structural engineers from both design and construction sectors.

The workshop was honored by the presence of Prof. Roger Frank, Vice President for Europe of ISSMGE, who informed about activities undertaken in Europe under the auspices of ISSMGE.

3. The 3rd Franco-Romanian Symposium on Geotechnical Engineering, Iasi, 16-18 April 2007.

The Symposium was organized by the Faculty of Civil Engineering of the Technical University Iasi and Iasi branch of the Romanian Society of Soil Mechanics and Geotechnical Engineering, with the support of Cultural French Centre Iasi, of the Francophone Commission of ISSMGE, of LCPC Paris and of CETU Bross.

Symposium had two themes: Landslides and Tunnels in urban areas.

The attendance of 125 was composed of geotechnical engineers from Romania, France and Belgium.

* * *

The Romanian Society for Soil Mechanics and Geotechnical Engineering will organize, under the auspices of the ISSMGE, on 2-4 June 2008 in Constantza, the First International Conference on Education and Training in Engineering Sciences: Soil Mechanics and Geotechnical Engineering, Engineering Geology, Rock Mechanics.

The Conference is organized in cooperation with the Joint Technical Committee 3 “Education and Training” of ISSMGE, IAEG and ISRM and the European Technical Committee 16 on “Education and Training” of ISSMGE, with the support of the University “Ovidius” Constantza and of the Technical University of Civil Engineering Bucharest.

At the invitation of Vice-President for Europe of ISSMGE, Prof. Roger Frank, the President of the Romanian Society of Soil Mechanics and Geotechnical Engineering, Professor Iacint Manoliu accepted to chair the new ERTC 16.

Prof. Iacint Manoliu

President of the Romanian Society for Soil Mechanics and Geotechnical Engineering

SERBIAN SOCIETY

Short Report from Serbia by Prof. Milan M. Maksimovic

National Society for Serbia & Montenegro ceased to exist in June 2006 and the Serbia is taking the continuity of membership in the International Society. The current state of Geotechnical Education and Practice in Serbia can be characterized by a single word: TRANSITION. In Education the reform in accordance with the Bologna Declaration is going on. In the area of professional competence, the Chamber of Engineers assigns the License for Geotechnical design to Civil Engineer and the License for Geotechnical investiga-

tions is given to Engineering Geologists. After almost a decade, 3 days national conference “Geotechnical aspects of Civil Engineering” was held in autumn 2005. Attendance was about 200 and 70 papers, with abstracts in English language, were published in proceedings. Within unfavorable circumstances, it was a success beyond expectation. Good news for our members is that the membership fee is reduced from about 20 EUROS in 2006 to about 8 EUROS per person in 2007. Problems with human resources and changes in economical structure are significant. Humiliating visa restrictions. Brain drain inflicted heavy negative impact on education, research and practice. International journals, foreign books and proceedings from international conferences are in short supply.

SPANISH SOCIETY OF SOIL MECHANICS (SEMSIG)

(Message from Enrique Dapena, Secretary, and César Sagaseta, President of SEMSIG)

Dear Roger,

It is a pleasure for us to answer your letter to make the report of the European Societies that you are going to present in Brisbane.

We will begin with the easy part. The activities that the Spanish Society of Soil Mechanics (SEMSIG) carries out each year are the following:

- Two seminars about actual geotechnical works, presented by construction companies, one in June, and another in December.
- One workshop in February, jointly with AETESS, the association of geotechnical contractors, about theoretical and practical aspects of special foundations.
- One lecture in March, at the occasion of the General Board Meeting of SEMSIG.
- Every four years, normally the year before the International Congress, we celebrate our National Conference during three days. The last was in 2004.

In each event, a short volume is published. The National Conference has more formal Proceedings with the Communications and General Reports. Also, we publish one Bulletin of SEMSIG with four issues per year. This bulletin has had some difficulties due to editorial problems.

The most important activity of the SEMSIG in the last four years is the organisation of the XIV European Conference of Soil Mechanics, which we will celebrate next September here in Madrid, and you know perfectly.

About the necessities of the European Region, there is an important theme about the education of geotechnical professionals. Skills, in particular what basic education and higher level knowledge must be required. Again, we need to encourage social support of the geotechnical professionals.

We need to promote in Europe the celebration each four years of a National Congress in each National Society or between neighbouring Societies, with a common language, to promote the participation of their professionals.

The European Conference works well, with good balance between academic and practical aspects. We need to maintain the enthusiasm in these Conferences.

Roger, thank you for your support and collaboration in the Conference of Madrid.

Best regards.

Prof. Enrique Dapena, Secretary of SEMSIG
Prof. César Sagaseta, President of SEMSIG

UKRAINIAN SOCIETY SMFGE

Ukrainian SSMGFE materials for Vice-President Report

a) Main needs (issues)

The most important directions at research investigations and practical realization at last year was construction:

- on loess soils;
- at worked out territories;
- at landslide-able zones ;
- and high rise construction.

We continue:

- to research an interaction upper structure with base by means of computer technologies are elaborated our Society members;
- to reconstruct the memorials of architecture.

b) Under control

During last year we renewed the Ukrainian Construction Codes devoted to:

- taking into account loads and actions;
- projecting of metal, concrete and reinforced concrete structures, bases and foundations;
- construction at seismic regions;
- projecting of engineer measures for durability of slopes.

These Codes are harmonized with EN and take into consideration the world experience on over ground and underground construction.

c) Need improving

Questions of construction on loess (able to settlement) soils, on worked out territories and at landslide zones + questions of definition of geotechnical parameters for computer modeling are elaborated insufficiently in Eurocode 7 and (on our way of thinking) they need in addition. For that purpose may be used Ukrainian experience.

d) Suggestions

Because of implementation of EN is a key for plurality of European countries, so it would be useful to organize the International Conference (under the aegis of ISSMGE) devoted to EN using at geotechnical project. The main aim for that conference is analysis of level of their theoretical states and recommendations for future improving.

e) Additional information

(i) UkrSSMGFE edits the scientific-technical magazine “World of Geotechnics”.

(ii) On October 2006 UkrSSMGFE organized visit in Ukraine for ISSMGE President with a series of lectures:

- Interaction between Eurocode 7 – Geotechnical Design and Eurocode 8 – Design Provisions for Geotechnical Structures;
- New developments in design methods of pile foundations.

(iii) On May 2006 UkrSSMGFE together with other Ukrainian Bodies organized the International Conference “Construction at seismic regions”. Specialists from Russia, Belorussia, Kazakhstan, Armenia, Tajikistan and Latvia participated in conference.

(iiii) On April 2007 UkrSSMGFE together with other Ukrainian Bodies organized the National Conference “Reinforcing of bases at Construction and Reconstruction”.

Prof. Mykola Kornienko, General Secretary for UkrSSMGFE

NORTH AMERICAN REGION – J. SEYCHUK

• The North American Continent encompasses Canada to the north, Mexico to the south and USA in between. These three (3) form a relatively small number of Member Societies, in comparison to those in other regions (such as South America, Asia and Europe) which have a greater number of Member Countries that belong to the ISSMGE.

• The individual membership in the ISSMGE from Canada (CGS) is about 675, from Mexico (SMMS) about 160 and from the USA (GI) about 2,500, for a total of some 3,300 members from North America.

This constitutes almost 20% of the grand total of 17,000 comprising individual membership from the 77 Member Societies around the globe.

However, from a proportionate representation perspective (the fee contribution/vote disparity issue) our voting impact, on major issues under consideration on the floor at Council Meetings, is less than 4% (3 votes out of 77).

• With regard to the performance of each of our North American Societies, suffice it to say that they are operating “full speed ahead – on all cylinders”.

They are indeed very active and vibrant, as functioning Learned Societies, representing the various disciplines in the geo-profession as it has evolved over the recent period of time.

• In order to avoid unnecessary repetition (and to save space and time) an account of the activities of each of our three Member Societies is not given here.

For those interested in this information, it can be found in the excellent individual web sites which provide details on their operations – including corporate structure, technical Divisions/Committees, workshops, seminars, conferences, state of the art lectures, publications, awards, etc. The locations of these internet websites are as follows:

CGS (Canada) - www.cgs.ca
SMMS (Mexico) - www.smms.org.mx
GI (USA) - www.geoinstitute.org

• There is an issue on the international scene which causes some concern. The three National Geo-Societies in North America are self-sufficient and function reasonably well (under their “own-steam”) without direction or operational assistance from the International Geo-related Societies (such as ISSMGE, ISRM, IAEG, IAH, IGS, etc).

Individuals in each of our Member Societies can, and do, belong (by choice – for a fee) to one or more of these well established and functioning International Societies.

There is, therefore, ample opportunity for individuals to participate in the geo-international scene for involvement in their respective field(s) of specialization. In addition, there is direct cross-society interaction (on an informal basis) between the various International Societies in joint Technical Committee activities and in conferences.

Consequently, we in North America do not see the need, nor do we see any added benefit, for the creation of another umbrella organization, such as FIGS which is perceived to be just another layer of bureaucracy and unnecessary duplication.

• Furthermore, in its limited “umbrella” embracement, FIGS does not include and represent the full spectrum of disciplines practiced nowadays in the geo-profession.

If FIGS does indeed become a reality (on a one country, one vote basis), its three founding members could likely be viewed as being somewhat redundant.

In this scenario, it is conceivable that the existing International Societies could be reduced to Discipline Division status within FIGS, should Member Societies prefer, and decide, to belong to FIGS directly.

• Therefore, for the record, we are not supportive of FIGS in its proposed formulation with limited embracement of the geo-profession.

• Before closing this presentation, there are several highlights that should be brought to your attention:

i. The Canadian Geotechnical Society will be celebrating its 60th “birthday” at their annual conference in Ottawa, Canada – coincident with the dates of the Australian/New Zealand Conference in Brisbane, Australia.

ii. The Sociedad Mexicana de Mecanica de Suelos celebrates its 50th “birthday” anniversary in early October, 2007 in Mexico City.

iii. The 4th Edition of the Canadian Foundation Engineering Manual has been finalized, is now “hot off the press” and available from Bi-Tech Publishers in Vancouver, Canada.

iv. A brief report on the Pan Am Conference held in July, 2007 in Venezuela and the selection of the venue of the next (2011) Pan Am Conference will be made by Waldemar Hachich, VP South America, at the Brisbane ISSMGE Council Meeting.

SOUTH AMERICAN REGION – W. HACHICH

1) Interaction with Member Societies in South America

Society	Country	Nature and subject of contacts
SAIG	Argentina	Frequent. San Juan Conference (Sept. 2006), Casagrande Lecturer, PCSMGE, PCTLGE.
ABIG	Bolivia	Erratic. In response to message from VPSA, news about intent of creating local chapters in Cochabamba and Santa Cruz de la Sierra. No further news or developments.
ABMS	Brazil	Frequent. COBRAMSEG, TCs, Casagrande Lecturer, PCSMGE, PCTLGE.
SOCHIGE	Chile	Occasional. Touring Lecture, PCSMGE, ICEGE. Names suggested for Regional TCs.
SCG	Colombia	Occasional. News of Cartagena Conference (Oct. 2006), however mainly related to ISRM. Committee on Mass Movements.
ACG	Costa Rica	Frequent. IX Seminario Nacional de Geotecnia (Nov. 2006), planning of Touring Lecture, PCSMGE.
CTNMSIG/ UNAICC/ SEMSIR	Cuba	Frequent. Membership, IV PCTLGE.
	Ecuador	Occasional. National YGEC, 45 th anniversary celebration.

Society	Country	Nature and subject of contacts
SSG	El Salvador	Frequent. Membership, planning of Touring Lecture.
SPG	Paraguay	Frequent. Touring Lecture, co-operation between universities, PCSMGE, PCTLGE.
SPG	Peru	Occasional. Gave up organisation of South American YGEC. Fees in arrears.
SVDG	Venezuela	Up to the PCSMGE, just with President of COC. Frequent afterwards.
	Uruguay	Occasional. Membership planning.

The Vice-President (VPSA) has visited Peru, Chile, Paraguay, Argentina, Costa Rica (2), Venezuela and El Salvador.

2) XIII PCSMGE

2.1) Organisational matters

Only a draft of the minutes of the meeting of the Pan-American Conference Advisory Committee (PCAC), held in Curitiba in August, 2006, was circulated by the secretary of the Pan-American Committee (PC). It became clear, however, that PCAC decisions and recommendations had been poorly implemented till December, 2006.

An urgent message from the two VPs, pointing out deficiencies and required changes for the success of the Conference remained unanswered by the Venezuelan Member Society (SVDG) for over six months. An offer from the two VPs to visit Venezuela in November 2006, in an attempt to help get decisions implemented, was not welcomed by SVDG and the PCOC.

As of March 15, 2007, no author had received any return from the Pan-American Conference Organising Committee (PCOC) regarding paper acceptance. The situation persisted, for some authors, till May. Some authors were forwarded paper reviews that disclosed the identity of the reviewers. The second bulletin, due by January 15, 2007, became available only in the beginning of June.

Belated appointments of lecturers, speakers, chairmen, etc. were done by the chairperson of the PCOC with little or no interaction with the two VPs — and in some instances in frontal disagreement with their opinion and recommendation.

2.2) The Conference

The Conference was attended by about 240 professionals (the large majority from Venezuela, 12 from Mexico, 10 from Brazil, others from South and North America, Africa and Europe) and 100 students.

2.3) Special lectures delivered at the PCSMGE

After an unnecessarily long and time-consuming pre-selection procedure for the Casagrande Lecture, the South American candidate was finally known when ABMS withdrew the candidacy of Prof. Willy Lacerda.

The appointee, Prof. Eduardo Núñez, from Argentina, could not be present at the Conference due to illness in the family. His Casagrande Lecture was presented by Dr. Alejo Sfrizo.

Prof. Ennio Palmeira delivered the Mercer Lecture at the Conference, following an agreement with IGS.

2.4) Pan-American Committee Meeting

The Pan-American Committee (PC) held a meeting on July

15, 2007, at Isla de Margarita, preceding the Pan-American Conference.

The two Vice-Presidents proposed some simplifications to the current structure of the Committee, of the CAC, and to the procedure for selection of the Casagrande Lecturer. Those changes were unanimously approved.

The offer by the Canadian Geotechnical Society to host the XIV PCSMGE, in conjunction with the V PCTLGE, in October, 2011, also met with unanimous approval.

3) Overview of the current situation of Member Societies

The success of Touring Lectures in Chile and Paraguay, in August, 2006, has been reported to the Board at the Curitiba meeting and on the ISSMGE Website. The VPSA has requested the local organisers to send copies of the produced CDs to the ISSMGE secretariat, for distribution to Board members and to South American MSs.

SOCHIGE is quite active and won the bid to host the Fifth International Conference on Earthquake Geotechnical Engineering (SICEGE, 2011), with full support from South America.

ABMS organised a most successful XIII National Conference, COBRAMSEG 2006, from August 27 to 31, 2006. The Conference has been attended by over 800 geotechnicians, about 30 from abroad. ABMS also hosted a Pan-American Conference Advisory Committee meeting on August 31st and an ISSMGE Board Meeting on September 1st. Several Board members delivered lectures at the Conference. The next COBRAMSEG shall take place in Rio de Janeiro, in 2008.

The VPSA has participated in the XVIII Congreso Argentino de Mecánica de Suelos e Ingeniería Geotécnica, September 27-29, 2006, in San Juan, where he had meetings with the SAIG Board (Casagrande Lecturer, FIGS, regional TCs, co-operation between South American universities) and with Argentinean members of TCs. The conference has been a success in all respects, with about 150 participants. The next CAMSIG shall take place in La Plata, in 2008.

At the PC Meeting in Margarita, it was decided that the 3rd Young Geotechnical Engineers' Conference in South America will take place in Córdoba, Argentina, in April, 2009.

The Cuban National Technical Committee on Soil Mechanics and Geotechnical Engineering (CTNMSIG) presented its statutes — as well as those of its parent organisation, UN-AICC (National Union of Cuban Architects and Civil Engineers) — and a list of 30 members, and became affiliated with the ISSMGE in 2007. The efforts of Rolando Armas are acknowledged. The IV PCTLGE took place in Havana, July 11-13, 2007, with an attendance of about 80, including delegates from Argentina, Chile, Ecuador, Finland, Mexico and Peru.

The X Colombian Geotechnical Congress has been held in

Cartagena, Colombia, October 8–13, 2006, in conjunction with the VI South American Congress on Rock Mechanics. There were 160 participants, 17% of them coming from Brazil, Chile, Costa Rica, Spain, USA, Italy, Peru and Venezuela. The VPSA was not invited, probably because the joint conference has been mostly dedicated to Rock Mechanics.

Upon invitation from the ACG (Costa Rica), last November the VPSA took part in the IX Seminario Nacional de Geotecnia, a well organised conference in which about 120 geotechnicians (mostly from Costa Rica, but also from Mexico, Colombia, El Salvador, Panama) gathered for 2 days, followed by a 1-day technical visit. Two 1-day short courses preceded the conference. A meeting of Central American geotechnicians (IV Encuentro Centroamericano de Geotecnistas) took place with representatives from El Salvador and Panama. Despite the Panama Canal project, the representative of Panama did not envisage possibilities for a Panamanian Geotechnical Society at this moment, but the VPSA believes the idea should be pursued. Luis Pineda, from El Salvador, on the other hand, was actively involved in the creation of a Member Society.

“Sociedad Salvadoreña de Geotecnia”, affiliated to the ISSMGE, was founded on occasion of a Touring Lecture in San Salvador, in July, 2007, which attracted about 50 geotechnicians. That Touring Lecture, along the same lines and themes of those in Santiago and Asunción, was extended to San José (Costa Rica) as well, where it gathered about 150 participants.

The VPSA received an invitation to deliver two lectures in Peru in October, 2005. None of the two events had been organised by — or received any support from — the Sociedad Peruana de Geotecnia (SPG). The vice-president seized the opportunity to meet with the president and the treasurer of the SPG and explore possibilities for re-integration in the ISSMGE community. Three options were offered: more active participation in TCs, a Touring Lecture, organisation of a South American young geotechnical engineers’ conference. It was stressed that any of these options should be combined with a firm proposal to somehow adjust the situation of fees in arrears. By the end of November, 2005 the president of SPG indicated that the Society would prefer to organise the YGEC, but unfortunately in 2006 the VPSA was informed that the SPG would not be able to organise that Conference. SPG has not shown signs of activity, but there seems to be interest in reverting the situation.

SEMSIR (Ecuador) celebrated in 2006 the 45th anniversary of its foundation with a national YGEC and is programming an ISSMGE International Seminar (formerly known as Touring Lecture) for August or September, 2008.

The Venezuelan Member Society (SVDG) will celebrate its 50th anniversary with a commemorative event in November, 2008.

Uruguay is now considering an arrangement similar to that adopted by Cuba: membership through a larger, existing national body of engineers.

In addition to the personal visits reported, the VPSA has written on many occasions to all MSs in the region and has also emphasised the opportunity, posed by the new fee structure, to increase their individual ISSMGE membership. Some Member Societies responded well to this incentive, particularly Chile, Argentina and Brazil.

4) Technical Committees

Regional

There are no ISSMGE-sponsored Regional Technical Committees. Regional Technical Committees proposed in Santiago, Asunción and San Juan (on codes and regional soils) have not been accompanied by the corresponding nomination of members by most MSs.

At the PC meeting in Margarita it was decided that the South American Committee on Mass Movements should formally become a Regional Technical Committee, in close cooperation with JTC1, the Joint Technical Committee on Landslides.

Prof. Juan José Bosio, former vice-president for South America and a member of the Sociedad Paraguaya de Geotecnia, had declared, in Osaka, his intent to create a Regional Technical Committee on Soft Rocks and Indurated Soils. He has been invited to be a core member of JTC7, but passed the invitation on to Prof. Oscar Vardé.

International

Most South American Member Societies have appointed members to Technical Committees (both ISSMGE and Joint TCs), and have had their appointments endorsed by the chairmen and by President Sêco e Pinto. ABMS (Brazil), SOCHIGE (Chile) and SCG (Colombia) are the societies in the region that currently have core members in the TCs (see list below). ABMS also has two chairmen (JTC1 and TC41).

Brazil

JTC1 – Willy Lacerda (Chair) - Landslides and Engineered Slopes
 JTC3 – Waldemar Hachich – Education and Training
 JTC4 – Luiz Guilherme de Mello – Professional Practice
 TC5 – Márcio Almeida – Environmental Geotechnics
 TC6 – Tácio Campos – Unsaturated Soils
 TC16 – Fernando Schnaid – Ground Property Characterization from In-Situ Tests
 TC28 – Arsenio Negro Jr. – Underground Construction in Soft Ground
 TC29 – Alberto Sayão – Laboratory Stress Strain Strength Testing of Geomaterials
 TC32 – Marcus Pacheco – Engineering Practice of Risk Assessment and Management
 TC34 – Márcio Muniz de Farias – Prediction and Simulation Methods in Geomechanics
 TC36 – Roberto Coutinho – Foundation Engineering in Difficult Soft Soil Conditions
 TC37 – Luciano Décourt - Interactive Geotechnical Design
 TC38 – Werner Bilfinger – Soil-Structure Interaction
 TC41 – Arsenio Negro (Chair) - Geotechnical Infrastructure for Mega Cities and New Capitals

Chile

TC4 – Ramón Verdugo

Colombia

TC33 – Jaime Suárez Diaz

Personal contact with some appointed members of TCs in Argentina, Brazil and Costa Rica have indicated that many had not yet received any communication or request from the TCs till March, 2007

APPENDIX 4 – INTERNATIONAL SEMINARS

REPORT BY WALDEMAR HACHICH

Proposed Guidelines for organizing ISSMGE International Seminars

Background

ISSMGE International Seminars have developed from a suggestion to the ISSMGE Board by Dr Parry in 1999, and discussed (in terms of “Sponsored Workshops”) with Member Societies at the informal Council Meeting in Melbourne in December 2000, which was subsequently reported at the Council Meeting in Istanbul, August 2001. The initial thought was that a number of eminent and enthusiastic individuals, who might be willing to give lectures on their specialist subjects, would be organised by ISSMGE into groups to give a set of lectures on a sort of tour (thus the original denomination “Touring Lectures”), particularly in countries with less affluent Member Societies.

These lectures have proved to be an important activity, bringing together practitioners, contractors, and academics, both on stage and in the audience, to their own benefit, irrespective of the region, size, or wealth of the Member Society, thus fostering the sense of belonging to the International Society for Soil Mechanics and Geotechnical Engineering. The Council Meeting in Brisbane, October 2007, recognising that neither “tours” nor “lectures” had been the rule, decided to name the initiative “ISSMGE International Seminars”, and approved these guidelines.

The following guidelines are intended for use and general implementation by organisers of these events. Though there can and must be variations to organisational procedures depending on the particular region and country concerned — and its culture and technical interests —, the general underlying principle should be followed: that ISSMGE International Seminars should be informative and engaging, with a keen focus on professional practice.

Purpose

- Facilitate the occasion for a Member Society to expose its members to the views of international experts on a theme of local or regional interest.
- Help close the gaps (both local and international) between practitioners, contractors, and academics.

Responsibility for organisation

The organisation of an ISSMGE International Seminar requires both initiative from the ISSMGE President or one of the Vice-Presidents, and commitment from a Member Society. Good geographical spread of hosting societies will be wanted by the Vice-Presidents in their regions and by the President among regions.

Having put together an ISSMGE International Seminar, the President or the Vice-Presidents may offer that seminar to more than one Member Society, in order to optimise means and efforts.

ISSMGE International Seminars may also be requested by Member Societies themselves, in response to an identified local need. Vice-Presidents will then, with the help of the ISSMGE Board, and particularly the President and the Secretary General, try to engage international experts and industry support.

Local industry support is always essential and should be procured by Member Societies.

Member Societies should appoint an individual member to head the local organising committee and be responsible for all seminar-related communication with the ISSMGE.

Underlying principles

The main principle is that ISSMGE International Seminars should be informative and engaging, address the real needs of practising engineers, and have a good mix of routine and modern soil mechanics.

In general a single theme of interest to the Member Society will be chosen and the local organising committee will advertise the seminar so that it engages a significant audience, including students and young geotechnical engineers. A minimum of 50 participants is to be expected.

The group of lecturers should include at least one practitioner (design office, private consultant, contractor) and one university professor or researcher. Lectures delivered by industry representatives should be devoid of commercial content. About 25% of the group should be composed of local experts, so as to put the ISSMGE International Seminar in the proper local perspective, for the benefit of audience.

Whenever possible, lecturers should be chosen that can deliver their talks in the main native language of the Member Society, and notes should be translated. Specific instances may present themselves for which simultaneous translation may be a pre-requisite for lively and rewarding floor discussion. In this respect, ISSMGE relies upon the informed judgement of the local organising committee, which should also take responsibility for all aspects of translation.

All lecturers should be invited sufficiently in advance, so as to be able to produce a written version of their contributions, which will form the basis for a set of notes that shall be made available to all participants (on paper or CD-ROM format) at the start of the ISSMGE International Seminar.

Typically an ISSMGE International Seminar will extend for one or two days and have at least 25% of its time reserved for round tables and discussions with effective audience participation.

It can be helpful if the ISSMGE International Seminar is complemented by some form of technical tour which, if suitably organised, can provide an event to bring the delegates together. Any tour should be informative in demonstrating geotechnical engineering practice related to the theme of the ISSMGE International Seminar. A dinner is obviously appreciated though the organisation of this must bear in mind the importance of keeping costs to a minimum.

Format

Format may vary from one instance to another, somewhat adapting to local culture, but a mix of at least two of the following is recommended: formal lecture, question and answer session, round table of local and international lecturers discussing local and international case histories with the audience, hands-on problem solving (workshop style). Formal lectures should not be longer than 40 to 50 minutes. An example of a two-day program is presented in the Appendix for reference.

Commercially-oriented presentations by industry supporters of the ISSMGE International Seminar are welcome, but should be scheduled for specific times, so as not to be confused with the ISSMGE International Seminar itself.

Sessions need to be chaired by friendly, professional engineers who can control a session, be effective timekeepers, organise discussion and ask pertinent, constructive questions.

Finance

The organisers of the ISSMGE International Seminar must attract industry sponsorship and other financial support from the host Member Society (or from other Member Societies), in order to cover the travel expenses of the lecturers and the publication of the notes (on paper or CD-ROM). The hosting society is expected to cover costs of meals and accommodation of international lecturers.

The decision to charge a registration fee to help cover the costs incurred by the host Member Society is left at its own discretion, always subject to the tacit understanding that the ISSMGE International Seminar is not for profit and should be delivered to a significant audience.

Support:

ISSMGE provides some financial support to the ISSMGE International Seminars. Some degree of Member Society financial commitment is usually required as well. However, industry support — both at the local and at the international level — is deemed essential to make ISSMGE International Seminars viable. Corporate Members and companies sponsoring ISSMGE International Seminars will be recognised in some suitably visible way, including the report in the ISSMGE Bulletin.

APPENDIX 5 – GUIDELINES FOR YOUNG INTERNATIONAL GEOTECHNICAL ENGINEERS' CONFERENCES

REPORT BY SECRETARY GENERAL

Background

Young Geotechnical Engineers' Conferences have developed from an idea by Professor Atkinson at City University, London, UK back in the 1980s. They have proved to be an important activity, fostering the new generation of geotechnical engineers who will be important in carrying forward the aims and ideals of the International Society for Soil Mechanics and Geotechnical Engineering. The following guidelines are intended for use and general implementation by organisers of these events.

Though there can and must be variations to organisational procedures depending on whether the events are organised at international, regional or domestic level and on the particular region concerned, the general underlying principles should be followed: that the conferences should be informative, engaging, cheap and fun.

Purpose

The Young Geotechnical Engineers' Conferences bring together small groups of delegates, typically 50 – 100, who may be studying for a PhD or MSc or at the early stage of their career in industry or academia. An age limit of 35 or less or a

corresponding expectation on the upper limit of professional experience is imposed. The idea is to enable delegates to communicate and engage with others who are doing research or starting out in the geotechnical profession and to share their experiences. It is not necessary to communicate only final outcomes of seminal research. In fact it is often just as useful if delegates are able to share the difficulties experienced in their first steps in the geotechnical profession and the solutions that they may have developed or are still seeking. The conference is very much geared towards the delegates – their progress, needs and aspirations – and most definitely is not a showcase for supervisors or mentors or for one country or region to demonstrate its capabilities over others.

International, Regional and Domestic Young Geotechnical Engineers' Conferences

The International Young Geotechnical Engineers' Conference (iYGEC) was first held in 2000 in Southampton, UK. This started out as a special one-off event for the new millennium. It was heralded as a great success and a second event was organised in 2003 in Mamaia, Romania. The decision was then taken that subsequent iYGEC should be organised in conjunction with the main International Conference on Soil Mechanics and Geotechnical Engineering and the 3rd iYGEC was held in 2005 in Osaka, Japan at the time of the 16ICSMGE.

Regional Young Geotechnical Engineers' Conferences started in the European Region in 1987. Apart from the European event, the take-up on organising Regional YGEC has been rather sporadic but all the feedback indicates that the Regional YGECs are highly appreciated and very rewarding.

Domestic Young Geotechnical Engineering Symposia have been organised in the UK normally every 2 years since 1981. These have been very beneficial to both research students and young professional engineers alike and have often provided delegates to attend subsequent YGECs. A few other countries have organised similar events.

The selection of host for a Regional YGEC requires both initiative from an ISSMGE Vice-President and commitment from a Member Society. The Vice-Presidents will want to a good geographical spread of hosting societies and as well as ensuring that costs of attendance are reasonably spread relative to the ability to pay. Ultimately, it is the Member Societies that are instrumental in making the YGECs successful and their support over the years is highly appreciated.

Underlying principles

The main principles are that the events should be informative, engaging, cheap and fun. Other principles are there should be no specific theme, that all delegates should each make a presentation, that all delegates should produce a written version of their work that will form the basis of their presentation and that there must be a permanent archive record (the format of which to be decided by the organising committee concerned). It is important that each delegate produces a paper for which they are the sole author.

For the International YGEC, all Member Societies are invited to send up to two delegates. For a number of reasons, some Member Societies may not be able to take up their quota and the organisers can offer spare places to other Member Societies though there should not be a significant presence of one society over the others. Basically there should be reasonably uniform representation of Member Societies within the event. By following this principle, the iYGEC attracts approxi-

mately 100 – 120 delegates. Similar principles are followed for the European YGEC and the event attracts about 50 delegates. The other Regions have fewer Member Societies and consequently there needs to be some leeway to allow a critical mass of 40 – 50 delegates to meet but it is very important that one Member Society does not dominate the event.

Format – Papers and Presentations

It is important to emphasise that ALL delegates produce a “paper” and make a presentation.

Delegates: There is no “call for papers” for regional and international Young Geotechnical Engineers’ Conferences. Instead, ISSMGE Member Societies are invited to nominate delegates they intend to send to the YGEC. In general, a Member Society will nominate two delegates though this may vary as indicated above.

Papers: The conference is not intended to be an event at which final outcomes of research or detailed project reports are presented. It is an opportunity for young geotechnical engineers and researchers to meet and to find out what is going on. It is very important that all delegates should feel they can make a contribution and there should be no emphasis that papers must only be of completed research or projects but rather there should be encouragement that papers from delegates at an early stage in their career are welcome. All papers will have a single author as the delegate attending the YGEC; any acknowledgement of supervisors, for example, should be included at the end of the paper.

There have been a number of templates used for the papers in a YGEC. The simplest “Paper” has been a 2-side synopsis or extended abstract of a delegate’s contribution designed to give only a brief indication of the work with the full details being given in the session presentation. This style has proved particularly useful for the iYGEC at which it is normal for there to be wide variation in quality and sophistication of the projects being described. In addition, the proceedings are relatively easy and economic to produce by standard photocopying and simple binding, which minimises the required budget for printing. However, the volume of proceedings has limited longevity and usefulness.

Some YGECs have opted to request that delegates produce papers in a format similar to that commonly used in normal conferences, e.g. 2-column, A4, papers occupying up to 6-sides and printed with photo-reduction onto B5 paper and hard-bound. The exact format chosen depends on how the final volume is printed and/or published, and when possible university or local printing facilities can be used to avoid involving a publishing company. Though delegates will no doubt like to see their contribution in such a volume of Proceedings, it must be recognised that this can add significantly to costs and may represent 30-40% of the registration fee. It will usually require that the host society obtains significant sponsorship for the YGEC. In summary, the format of the papers is to be decided by the organising committee, and should normally be between 2 and 6 pages in length.

There should always be a printed version of the proceedings since this will assist delegates during the YGEC. Organisers must produce a standard template for the papers so that they are all in a common format. In addition, a CD of the papers could be produced, but this is purely optional and will depend on the resources available to the organisers.

Presentations: All delegates make a presentation. Typically, a presentation lasts 10 – 15 minutes with 5 – 10 minutes of

questions and discussion immediately after the presentation. That way all delegates are necessarily involved and their work must necessarily be discussed. The precise duration of the presentations and subsequent discussion will vary depending on the period of the conference, the numbers of delegates and the type of event. It is very important that chairmen ensure that there is discussion on all presentations.

Other lectures: There is some benefit in having a few special lectures given by enthusiastic professional geotechnical engineers and academics. These lectures should not be too lengthy (say 30 – 40 minutes duration) and must be of interest to the conference delegates, perhaps reflecting on how young engineers can make their way in the profession or on exciting projects and developments. The level at which the lectures are pitched and the enthusiasm with which they are delivered is, of course, very important.

Session Organisation: The nature of Young Geotechnical Engineers’ Conferences means that there is no conference theme and “papers” can be on any topic related to geotechnical engineering. Organisers will therefore have to wait until they have been informed of delegates’ work before they will be able to arrange the papers into suitable sessions. In general, all delegates should attend all sessions. This is reasonably easy to schedule for Regional events held over 2 – 3 days but for the iYGEC, it may be necessary to have a limited number of parallel sessions. However, these should be kept to a minimum. Experience indicates that the delegates are quite capable of continuing into evening sessions.

Chairmen: Sessions need to be chaired by friendly, professional engineers who can control a session, be an effective timekeeper, organise discussion and ask pertinent questions while offering constructive (never destructive) criticism. The chairmen may be senior engineers and must engage with the young engineer delegates.

Tours and other social events: It can be helpful if the YGEC includes some form of technical tour and, if suitably organised, can provide an event to bring the delegates together. Any tour must be appropriate to the delegates and should be informative in demonstrating geotechnical engineering practice. A conference dinner is obviously appreciated though the organisation of this must bear in mind the importance of keeping costs to a minimum.

Linkage to the ICSMGE: The general feeling is that the iYGEC should be associated with the ICSMGE. This was first attempted in 2005 in Osaka. Besides attending their own iYGEC at a separate venue, delegates had access to the Keynote and other Special Lectures during the normal ICSMGE. They also organised a special session within the ICSMGE during the penultimate day. Though this worked well, the delegates expressed the view that they would have liked to attend all the ICSMGE. An alternative format is therefore to hold the iYGEC over say 3 days prior to the ICSMGE and to allow the delegates either access to the keynote and other special lectures (they will not receive the conference proceedings etc.) or to register normally for the entire ICSMGE.

Finance: The registration fee should cover the costs of a delegate attending the YGEC i.e. meals, accommodation, proceedings and attendance at sessions. In essence, provided a delegate can get to the venue, then there should be no other costs other than the registration fee. Typically, the registration fee has been of the order of EUR350 and this may reduce if the YGEC organiser is able to attract some industry sponsorship or other financial support from the host Member Society. Whenever possible the Member Society nominating delegates to attend a YGEC should make significant contribution to the

cost of travel and registration fees of those delegates. For the international YGEC, the organisers may charge a slightly higher registration fee for those delegates from a Member Society who are in excess of the normal quota of two delegates.

Support: The iYGEC is a relatively large-scale event and the ISSMGE provides some financial support to the conference organisers. In addition, for both the international and regional events, the ISSMGE provides a limited number of bursaries to assist delegates from less wealthy countries. Individual bursaries generally cover the registration fee, and for financial efficiency it is usual for the bursaries to be paid directly to the conference organisers to allow them to in effect waive the registration fee. Travel to a YGEC can obviously be expensive and it is expected that Member Societies will pay in whole or at least in part the cost of travel and registration of the delegates they are nominating to attend the conference. Accommodation can be an expensive item and often university accommodation or a suitable hostel is used for delegate accommodation and the conference sessions.

APPENDIX 6 – YOUNG MEMBER AWARD

REPORT BY SECRETARY GENERAL

1. Purposes

The aim of the ISSMGE Young Member Award is to encourage research and development in the field of geotechnical engineering and to acknowledge the contribution of young members of the Society. The award will be given in recognition of achievement during the four-year period preceding the year of the award. The ISSMGE Award will be presented to one or more individuals who have made outstanding contributions to the development of geotechnical engineering through their scientific and technological work.

2. Conditions

A maximum of three awards will be given to ISSMGE members who are less than 36 years of age on 31 December of the last year of the four-year period, which will normally be the year in which the quadrennial ICSMGE is held.

3. Nomination of Candidates

One nomination may be made by each member society based on technical papers submitted to the forthcoming ICSMGE, or the immediately preceding regional CSMGE. Each nomination should be accompanied by a CV for the nominee and, in the case of nominations based on jointly authored papers, a statement of the contribution made by the nominee.

4. Award Committee

The Award Committee will comprise five Board Members of the ISSMGE, with preference given to the younger members. One of them will be appointed by the President as Chair of the Committee. The Committee will be responsible for selecting appropriate reviewers, summarizing the review results and reporting to the Board.

5. Procedures

Nominations must be received at the ISSMGE Secretariat at around the deadline set for submission of papers to the forthcoming ICSMGE (see Table below for specific date); this will normally be about four months before the Board Meeting preceding the ICSMGE. The Secretary General will prepare a list of the nominations and forward copies of each nomination

to members of the Award Committee for them to review. The review process must be completed and the final report sent to the Board Members no later than three weeks before the Board Meeting. The final decision will be made at the Board Meeting based on the report from the Award Committee. The award(s) will be presented at the closing ceremony of the ICSMGE.

6. Content

Each award will consist of a certificate and a cheque for UK£500 (value to be reviewed every four years).

Date	Event or Key Personnel	Milestone
Late 2007	Secretary General	Announcement of Young Member Award to Member Societies and via ISSMGE web-site
November 2008	Secretary General	Member Societies invited to nominate candidates
February 2009	Member Societies	Deadline for nominations; receipt of manuscripts for ICSMGE
May 2009	Award Committee	Report to Board members with recommendation; final decision made by ISSMGE Board
October 2009	Council Meeting	Report
October 2009	ICSMGE (Alexandria)	Presentation

APPENDIX 7 – 17 ICSMGE

REPORT BY MAMDOUH HAMZA AND MARWAN SHAHIEN

PROGRESS REPORT

DATE OF CONFERENCE: 5-9 October 2009

VENUE : Bibliotheca Alexandrina, Alexandria
The Bibliotheca Conference Centre has the following features

- Main meeting room seats 1,700
- Three additional meeting rooms, each seat approx. 300
- Exhibition areas directly outside meeting rooms for poster sessions and exhibitors
- Unlimited exhibition area on plaza
- A 100-seat auditorium in the adjacent Library, plus an additional 8 small meeting rooms
- State-of-the art audio and visual equipment
- 4 restaurants and catering managed by Hilton International

All the conference facilities in the venue have been blocked during the conference duration including the facilities required for

- ISSMGE Council Meeting (Sunday 4 October 2009)
- ISSMGE Board meetings and activities (starting from Saturday 3 October 2009)

PUBLISHER

- Agreement with the publisher (Mill Press) has been finalized pending the signature

- Hardcopy of the proceedings will be given to each participant for no extra charge (other than the conference participation fees)
- CD of the proceedings with suitable search facilities will be available to participant as an additional option for additional simple charge
- Hardcopy and CD of the post conference volume will be mailed to participants after the conference

TRAVEL AGENT & EVENT ORGANIZER COMPANY

Agreement with EMECO has been finalized. The responsibilities of the travel agent and Event organizing company (EMECO) include the following services (with full coordination with members of the organizing committee):

- 1) Pre-conference and on site registration
- 2) Screening and analysing the registration forms of the participants to fulfil the requests of the participants (arrival airport/accommodation hotel reservation/pre and post conference tours/ technical tour preferences/accompanying persons registration and their tours preferences)
- 3) Option to receive electronic payments from participants and transfer the money to conference Bank Account that is under the direct control of the organizing committee.
- 4) Provide hospitality desks with the logo of the conference at the three arrival airports (Alexandria/Borg El-Arab/Cairo) to provide almost personal meet and assist for every participant. The meet and assist includes help to pass passport control/language handling.
- 5) Provide transportation from/to arrival airports to Hotels in Alexandria with maximum weight in the airport not to exceed two hours.
- 6) Provide transportation from/to hotels to venue during the course of the conference.
- 7) Provide efficient negotiations with wide spectrum of the accommodation hotels to reach best deal of rates for conference participants.
- 8) Organize pre/post conference tours inside and outside of Egypt.
- 9) Organize accompanying persons program
- 10) Coffee breaks and Lunches. Lunches are designed to fulfil all tastes and preferences.
- 11) Provide transportation for technical tours
- 12) Provide transportation to venue of gala dinner and culture event
- 13) Assistance in organizing social program
- 14) Managing the exhibition
- 15) Be alert to provide assistance (via coordination of the organizing committee) for ISSMGE technical committees in organizing pre/post conference satellite conferences and workshops in any place in Egypt

CONFERENCE FEES

	Before 1 st May 2009	After 1 st May 2009
Full conference fee	\$550	600
Non-Members	\$650	700
Student Fees (excluding proceedings and Gala Dinner)	\$200	\$250
Accompanying Persons	\$125	\$150

The full conference fee includes:

- * Full participation in the conference
- * Conference proceedings (hard copy)
- * Transport from/to airport to hotels in Alexandria and from/to hotels to conference venue
- * Lunch and coffee/tea service during the conference
- * The Welcome Reception on Day 1

- * The Cultural Evening on Day 4

CONFERENCE WEB SITE

The conference website contains up-to-date conference information:

www.2009ICSMGE-egypt.org

CONFERENCE PROMOTION & PUBLICITY

Bulletin No. 1: Preliminary information about the conference in Bulletin No. 1 was issued and distributed in Osaka, Japan September 2005.

Bulletin No. 2: Comprehensive information, call for papers and expression of interest was printed in Bulletin No. 2 issued in spring of 2007. The Bulletin was distributed in the following manner:

- Participants of regional conferences (copies of the bulletin were/will be mailed to organizing committees of the ISSMGE five regional conferences.
- Member geotechnical societies of the ISSMGE (No. of copies sent were obtained from the Secretary general of ISSMGE)
- Board Members of ISSMGE
- Soft copy of the bulletin is downloadable from the conference web site. E-mail message was sent to participants of past ICSMGE including an index about downloading the Bulletin)
- Internal (inside Egypt) distribution to academics/practitioners/officials of organizations related to soil mechanics and geotechnical engineering

Regional Conferences Presentation about and invitation to the conference were/will be conveyed to participants of all the regional conferences by members of the organizing committees. (Note: travel arrangements were planned for Dr. Hamza to attend the Brisbane Conference, however, visa was not issued in spite of applying for the visa in reasonable time)

Engineering Journals and Magazines

Conference notices and calls for papers will be posted in engineering journals, magazines including but not limited to:

- Géotechnique
- ASCE Geotechnical and Geoenvironmental Engineering Journal
- Canadian Geotechnical Journal
- Soils and Foundations
- Ground Improvement
- International Journal of Geomechanics
- Journal of Geotechnical and Geological Engineering

CONFERENCE ORGANISING COMMITTEE (COC)

Dr. M. Hamza
 Dr. M. El Ghamrawi
 Dr. M. Shahien
 Dr. H. Abdel Mohsen
 Dr. H. Abou Seeda
 Dr. F. Baligh
 Dr. A. Harraz
 Dr. H. Lotfy
 Dr. Y. El Mossallamy
 Eng. S. Moustafa
 Eng. M. Mustafa
 Dr. S. Wissa

The conference organizing committee meets in regular basis to discuss issues/distribute tasks/ takes major decisions.

CONFERENCE ADVISORY COMMITTEE (CAC)

- Dr. M. Bouassida, ISSMGE Vice President for Africa
- Dr. M. Hamza, Chairman of XVII ICSMGE
- Dr. M. Kamon, Secretary General of XVI ICSMGE
- Dr. P. Sêco e Pinto, ISSMGE President
- Dr. M. Shahien, Secretary General of XVII ICSMGE
- Dr. R.N. Taylor, ISSMGE Secretary General
- Dr. W. Van Impe, ISSMGE Immediate Past President

The conference advisory committee had one major meeting in the Venue in November, 2006 and had another informal

Submission of abstracts by authors	Contact your Member Society
Deadline for abstract submissions to the Organizing Committee by Member Societies	15 March 2008
Notification of acceptance of abstracts	30 May 2008
Final submission of full papers by Member Societies to Organizing Committee	17 March 2009

meeting in Madrid Conference.

IMPORTANT DATES

MAIN CONFERENCE THEME

“The Academia and Practice of Geotechnical Engineering” has been chosen as the main theme of the 17th ICSMGE CONFERENCE THEMES & LECTURERS

It was decided during the November CAC Meeting that:

The 17th ICSMGE will convene plenary sessions on Days 1 and 2 and technical symposia on Days 3 and 4.

During the technical sessions on Days 3 and 4, three parallel sessions for each of the five main topics are scheduled. Each technical session will be followed by Paper Presentation/Poster Discussion sessions where authors of accepted papers can give a presentation.

On Day 5, a technical visit – to a site not yet selected – will be arranged for those who are interested.

The main topics of the 17th ICSMGE 2009 are:

1. Material Behaviour & Testing
 - Laboratory/in-situ Testing of Geomaterials
 - Physical/constitutive Modelling
 - Problematic Soils
 - Geosynthetic Materials
2. Analysis & Design
 - Deep Foundations/Mega Piles and Barrettes
 - Embedded Retaining Structures
 - Slopes and Embankments
 - Underground Structures
 - Seismic Conditions
3. Prediction, Monitoring & Evaluation of Performance
 - Instrumentations
 - Monitoring of Performance and Evaluation
 - Monitoring for Interactive Design
 - Case Histories

4. Construction Processes
 - Ground Improvement
 - Grouting and Injection
 - Groundwater Control
 - Deep Excavation and Tunnelling
 - Natural Hazard Mitigation
 5. Management, Training & Education
 - Owner/Engineer/Contractor Relationships for Optimum and Safe Design
 - Owner, Engineer and Public Awareness of Importance of Geotechnical Engineering
 - Management of Geotechnical Data and Processes
 - Training of Geotechnical Engineers Practice/Academic
- Private and Public Sectors
- Future of Geotechnical Engineering Education

The following State of the Art Lectures have been selected

Five State-of-the-Art (SOA) lectures are scheduled:

	SOA LECTURE	TOPIC
Day 1	Prof. Paul Mayne School of Civil & Environmental Engineering Georgia Institute of Technology (USA)	Material Behaviour & Testing
	Dr. Brian Simpson ARUP Geotechnics (UK)	Analysis & Design
Day 2	Dr. Arsenio Negro Bureau de Projetos e Consultoria (Brazil)	Prediction, Monitoring & Performance
	Prof. Chu Jian School of Civil & Environmental Engineering Nanyang Technological University (Singapore)	Construction Processes
	Prof. Mark Jaksa School of Civil & Environmental Engineering University of Adelaide (Australia)	Management, Training & Education

During the informal CAC meeting in Madrid, it was decided that additional speakers shall be added to for cooperation with the above listed lecturers.

Other components of the scientific program include:

On Day 1:

Terzaghi Oration
Dr. Harry Poulos
University of Sydney and
Coffey Geotechnics
(Australia)

Practitioners/Academia Forum
Still to be arranged

On Day 2

Heritage Lecture:

“Geotechnics in Historic Egyptian Structures”

Dr. Mostafa Al-Ghamrawi

Secretary General, Egyptian Geotechnical Society

Great Project Lectures:

Safeguarding Venice from High Tides:

Site Characterization and Geotechnical Problems”

Prof. Michele Jamiolkowski

Polytechnic University of Turin & Past President of the ISSMGE

“The Salvation of Abu Simbal and Philae Temples”

Dr. Zahi Hawass

Secretary General, Egyptian Supreme Council of Antiquities

INTERNATIONAL YOUNG GEOTECHNICAL ENGINEERS CONFERENCE (iYGEC) - 2-6 OCTOBER 2009

A three-day conference for young geotechnical engineers will begin on 2 October 2009 at a venue in Alexandria. Delegates can then join the main conference for the first two days of plenary sessions.

On Day 2 of the main conference a session called “iYGEC: Thoughts & Observations” is scheduled to share the main highlights of the iYGEC conference.

Dr. Hisham Abdul Mohsen and Dr. Fatma Baligh of the organizing committee were given the task of coordinating the organization of the Young geotechnical Conference

APPENDIX 8 – RELATIONSHIPS WITH SISTER SOCIETIES ISRM AND IAEG

REPORT BY PRESIDENT

FEDERATION OF INTERNATIONAL GEO-ENGINEERING SOCIETIES (FIGS)

PROPOSAL

Cooperation Agreement as approved in the meeting of the Presidents of IAEG, ISRM, and ISSMGE in Amsterdam, May 12, 2006

(A document describing and defining the cooperation between the three organisations)

0. Preamble

The presidents of IAEG, ISRM, and ISSMGE propose to start the Federation of International Geo-engineering Societies (FIGS) in an informal way and only take the decision to modify it to a full legal status (with legalized Statutes and a complete set of By-laws) after one or two periods (of 2 years each) if it shows that such a formal status is indispensable for a proper functioning of FIGS. Such a formalization will require the explicit approval of the Councils of the three organizations.

The approval of the Cooperation Agreement by the three organisations will formally commit the three organisations to the existence and functioning of FIGS as outlined in the Clauses and Sub-clauses of this Cooperation Agreement. This gives FIGS an “internal legality”. The Clauses and Sub-clauses will, for the time being, only play a role in the relation between the three Members (and any newly admitted and/or

Associated Members if these also approve the Cooperation Agreement) and describe and define the structure of cooperation.

Due to the presently proposed informal status no decisions will have to be taken yet on compliance with any national legal system.

1. Name and Constitution

1.1 The Name of the Federation is: Federation of International Geo-engineering Societies, abbreviated as FIGS. It is hereinafter referred to as “the Federation”, or “FIGS”.

1.2 The Cooperation Agreement of the Federation comprises Clauses and Sub-clauses.

1.3 The Clauses and Sub-clauses of the Federation (and any interpretation thereof) shall formalize and regulate the cooperation between the Members..

2. Definition of Geo-engineering

2.1 Geo-engineering is engineering with, on, or in geological materials.

3. Language

3.1 The official language of the Federation is English.

4. Aims, objectives

4.1 The Federation is founded on the principle that each of the participating associations/societies will retain its identity and autonomy. The role of the Federation is to carry out functions for the international geo-engineering community that could not be carried out with the same effectiveness and efficiency by the Members individually.

4.2 The aim and responsibility of the Federation is to:

- raise the awareness within the geo-engineering profession of the inevitable and essential interaction between geo-engineering practitioners from the Members;
- coordinate the scientific and technical activities in areas with overlapping interest between the Members;
- raise the public awareness and profile of the geo-engineering profession.

by:

- promotion of interaction among geo-professionals within various facets of geo-engineering;
- coordination of research efforts in areas of common interest to the Members;
- development of a FIGS website;
- coordination of the scheduling, promotion, and delivery of conferences and symposia of the Members;
- establishment of Joint Technical Committees on topics and interests common to the Members;
- stimulation of the development of educational curricula for higher education and for continuing education purposes;
- promotion of interaction with industry and policy making organizations;
- development of policies that will advance the learned and professional functions of the geo-engineering community.

5. Membership

5.1 The FIGS is founded by three member societies/associations: The International Association of Engineering Geology and the Environment (IAEG), the International Society for Rock Mechanics (ISRM) and the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE). These three societies/associations hereinafter will be referred to as the Founding Members.

5.2 Other organisations, which fully subscribe to the FIGS Cooperation Agreement and in particular the Aims and Objectives of the FIGS as defined in Clause 4 may be invited to join the FIGS as Member. Acceptance of new Members will require approval by all existing Members.

5.3 A Member may also be affiliated to other international scientific and engineering organisations.

5.4 Other organisations can be accepted as Associated Member when their application is approved by the FIGS Board. Hereinafter these will be referred to as Associated Members.

5.5 A Member can individually take the decision to leave the FIGS with a 2 years notice.

5.6 Conditions for admission to Membership and Associated Membership and conditions for leaving the FIGS are to be defined in a Sub-clause.

5.7 A Member shall fulfil its obligations to the Federation, which include: annual payment of the subscription as approved by the Board in the yearly budget, keeping the Secretariat (see Clause 10) regularly informed about changes of its statutes, address of its secretariat, names of its officers.

5.8 A Member which has failed to pay its annual subscription shall automatically cease to receive benefits of membership of the Federation and the voting rights of its representatives in the Board and the Liaison Committee. The membership shall be deemed to be suspended until the subscription is paid.

6. Finances

6.1 The Federation is a non-profit organisation.

6.2 The funds available to the Federation include:

- Industry sponsorship;
- Income from FIGS activities, such as publications, conferences, symposia, etc.;
- Subscriptions from the Members and Associate Members as determined by the Board;
- Other sources approved by the Board.

6.3 The subscriptions from the Members shall be equal.

6.4 The financial year of the Federation is the calendar year.

6.5 No Board member shall receive any remuneration from the Federation funds. However the reimbursement of certain direct expenses may be authorized by the Board.

6.6 The budget for the financial year is prepared by the Secretariat and submitted for discussion and formal approval to the Board at least 3 months before the start of the financial year.

6.7 A report about the financial year is prepared by the Secretariat and presented to the Board for discussion and approval not later than 3 months after the end of the financial year. The signed approval by the presidents of each of the Members serves as acquittal.

6.8 The Federation funds shall be used for the furthering of all Aims and Objectives as listed in article 4 of these Statutes. They can also be used to cover the cost of the Secretariat and the travel expenses of the President.

6.9 All financial documents presented by the Secretariat to the Board members shall be copied to the Members and to the members of the Liaison Committee.

7. Administration

7.1 The Federation shall be governed and administered by the Board.

8. Board

8.1 The Board of FIGS is the exclusive decision making body of the Federation. It is composed as follows:

- the FIGS president
- the presidents of all Members
- the immediate past presidents of all Members
- the Secretaries General of each Member
- a representative appointed by the Associated Members
- a representative appointed by the Liaison Committee

8.2 The Board is chaired by the President of FIGS.

8.3 In the event that one of the immediate past presidents could not fulfil the obligations, its Member Society should appoint a replacement.

9. President

9.1 The prime duty of the President shall be to foster the aims and objectives of the Federation, thereby serving the interest of all Members.

9.2 The FIGS Board elects the President. This election needs the formal approval by the presidents of all Members

9.3 The president shall be one of the immediate-past-presidents or another co-opted individual as the Board sees fit. Candidates for the presidency shall be nominated by members of the Board. One year before the expiry of the term of office of the President, the Secretariat (Clause 10) shall invite each Member to submit a nomination for the next Presidency.

9.4 The term of office of the FIGS President is 4 years. The President can be re-elected once, following the procedure outlined in Clause 9.2 and Clause 9.3.

9.5 The FIGS President may be substituted by another voting Board member, in any and all of his¹ duties. The substitute President is appointed by the FIGS Board. In the event of the resignation or death of the President the Board will have to arrange his substitution.

¹ *The use of the masculine gender in this Agreement does not*

imply that the position described is occupied by a male person

10. Secretariat

10.1 A Secretariat is installed for the period coinciding with the term of office of the President.

10.2 The Secretariat will handle the administrative and financial matters for the Federation, under responsibility of the President.

10.3 The FIGS Secretariat will, by decision of the FIGS Board, be located at the Secretariat General of one of the Members. The FIGS funds will be kept by this same Member on a specific and separate FIGS account under conditions formalized in a separate agreement between the Members.

10.4 The official Headquarter of the Federation is at the FIGS Secretariat.

10.5 The cost related with the functioning of the FIGS Secretariat will be covered by FIGS and reimbursed to the Member where the Secretariat is located. The level of this annual reimbursement is determined by the Board in the annual budget.

11. Meetings, decision making

11.1 Meetings of the Board will be held at least once a year.

11.2 Decisions in the FIGS Board are taken by simple majority. All Board members except the Secretaries General of the Members have voting right in the Board meetings. The Secretaries General of the Members are advisory Board members without voting rights. In addition the President has the decisive vote in case of a tied vote.

11.3 A voting Board member who is absent at a Board meeting can assign another voting Board member as proxy.

11.4 The presidents of the three Founding Members will have a veto-right on all decisions of the Board.

11.5 Voting will take place openly, unless one of the Board members requests a secret ballot. Voting on persons will always take place in a secret ballot.

11.6 Minutes of the Board meetings will be prepared by the Secretariat. A list of key decisions and resulting actions will be circulated within two weeks after a Board meeting. These decisions are valid two weeks after circulation unless a Board member expresses disagreement.

12. Liaison Committee

12.1 The Liaison Committee supports the work of the FIGS. The Liaison Committee comprises the Board, representatives appointed by the Associated Members (one person from each Associated Member, Clause 5.4) and individuals invited by the Board from major geotechnical engineering companies, scientific organisations and relevant Non Governmental Organisations. The term of office of representatives of Associate Members and invited members is normally 4 years.

12.2 The purpose of the Liaison Committee is to advise the FIGS Board on new initiatives and directions in geo-

engineering and to assist the Board in publicising activities and the general promotion of the geo engineering profession.

12.3 The Liaison Committee appoints a member in the FIGS Board

12.4 The Liaison Committee will normally meet once per year though more frequent meetings can be held as required. The meetings will be chaired by the President of FIGS or his nominee selected from the members of the Liaison Committee. A draft agenda will be drawn up by the Board and circulated one month in advance of a meeting. It is expected that other members of the Liaison Committee will then propose additional items for the agenda. The meetings will not be formally minuted but the key recommendations and actions will be agreed in a written document produced at the end of the meeting.

12.4 On the day after the meeting of the Liaison Committee, the Board will discuss and consider as far as practicable the initiatives identified by the Liaison Committee.

13. Joint Technical Committees

13.1 In order to further the aims, responsibilities, and objectives of the Federation, the Board may appoint Joint Technical Committees (hereinafter referred to as JTCs), composed of a responsible chairperson and individuals from the Members, to study scientific and/or technical matters of interest to the international geo-engineering community.

13.2 In general such JTCs are appointed for a 4-years period, after which the Board will decide about continuation or discontinuation of the JTC and its membership.

13.3 A Sub-clause will regulate the procedures for the definition of the terms of Reference, for the appointment of members, the term of office and the way of reporting of the JTCs.

14. Amendments to Clauses and Sub-clauses

14.1 Amendments to these Clauses of FIGS may be proposed by any Board member. These amendments, after unanimous approval by the Board of FIGS, shall require the written approval of each Member according to its approval procedure.

15. Dissolution/Liquidation

15.1 The dissolution or liquidation of the FIGS will take place after a decision of the FIGS Board; the proposal for such a decision must be presented to the Board at least 3 months before the date of its meeting

15.2 Any remaining assets and liabilities will be distributed in equal parts to the Members.

Federation of International Geo-engineering Societies (FIGS)

**Guidelines for Joint Technical Committees (JTCs)
(approved by FIGS Board meeting, Lisbon January 22, 2007)**

1. General

This guideline supplements FIGS Clause 13. It defines the

way Joint Technical Committees are appointed, how their terms of reference are fixed, how and where they shall meet and how they shall report.

2. Proposals, terms of reference

Proposals for the installation of Joint Technical Committees may be formulated by Board Members or Liaison Committee members and shall be presented in written to the Federation Secretariat.

A proposal for the installation of a Joint Technical Committee shall contain the following items:

- proposed title
- the technical question(s) to be addressed
- justification: how important is it that the questions are answered and why is this a task for FIGS
- terms of reference: definition of the broad terms of reference, with a list of the tasks to be performed, reports to be presented and a well defined time schedule
- suggestion with one or more names for the chairperson of the JTC

The format and the approval procedure for all reports shall be included in the terms of reference.

The proposal shall be included in the agenda for the next Board meeting.

3. Appointment of JTC, chair person, and (core-) members

The Board shall take a decision about the installation of the proposed JTC and about the title, question to be addressed and terms of reference for the JTC.

The Federation Board may appoint Joint Technical Committees for a maximum term of office of 4 years.

Joint Technical Committees are composed as follows:

- chairperson
- core members (together with the chair forming the core-group)
- co-opted members
- corresponding members

Sub-committees (composed of core-members and/or co-opted members and/or corresponding members) may be appointed by the core-group to study individual aspects of the JTC theme.

The Federation Board appoints the chairperson for the JTC who is personally responsible for the successful operation of the JTC and the achievement of its goals within the agreed time schedule. Furthermore the chairperson shall be responsible that the activities of the JTC are carried out in accordance with the Clauses and Sub-clauses of the FIGS. The Member organisation backing the chairperson is hosting the JTC and carries special responsibility for the accomplishment of the tasks of the JTC.

Additionally each Member organisation is represented with up to three core members in a JTC. Each Member organisation brings forward candidates for its three available positions. The final composition of the core-group has to be reviewed and approved in a Federation Board meeting. The core group as a whole shall be composed in such a way that it has a good coverage of the knowledge fields relevant for the

JTC theme and also a reasonable regional spreading

The individual (core-) members do not act as representatives raising the interests of countries, regions or one of the Member organisations.

The core-group can co-opt members with specialised skills and in order to ensure widespread international representation. Co-opted members shall be invited to attend JTC core-group meetings as observers without voting rights.

Corresponding members can be nominated by National Groups/Member Societies of the FIGS Member organisations to the JTC chairperson. The core-group decides on such nominations. Corresponding members have no right to attend core-group meetings, but can be invited to do so without voting right.

The core group can appoint a secretary (without voting rights, unless the secretary is also core-member) of the core group, with the task to assist the chairperson with the secretarial tasks necessary for an adequate functioning of the JTC.

The Federation Board has the right to terminate the existence of a JTC or dismiss the chairperson and appoint a new chairperson for lack of progress or when it becomes clear that the goals cannot be achieved for whatever reason. Such decisions can only be taken on the basis of a proposal submitted to the Board.

After completion of its term of office, the JTC may be reinstalled with a well defined term of office of a maximum of 4 years. In this case the procedures for appointment of the JTC chair and all individual (core-) members will have to be repeated.

4. Meetings

The JTC shall hold at least one meeting per year, preferably in connection with a Congress, Conference, or Symposium of one of the Member organisations.

In special circumstances JTCs can arrange their own symposia or other forms of organised discussion. If such meetings generate funds then 5% of the registration fees of the delegates are to be given to FIGS while the JTC and the organising committee shall retain any surplus to be divided as per prior arrangement between them. No members of JTCs or their subcommittees shall be paid for their work for the JTC. Legitimate costs incurred for the work of a JTC can be reimbursed from the funds raised by meetings, books, etc., by decision of the core-group. Any funds accumulated at the termination of a JTC shall be transferred to FIGS.

Towards the end of the term of office of a JTC a special session at a Congress, Conference or a special Symposium may be devoted to the theme of the JTC where a draft final report is presented for discussion among a wider audience of the geo-engineering community.

Much of the work of a JTC shall be carried out by the preparation of documents by the chair or individual members (based on a division of tasks agreed upon in a JTC meeting) which can then be commented on in written comments (by letter or by email) by the other JTC members.

The conclusion of discussions on (partial) reports shall always take place by voting in meetings with properly prepared agendas and documents. Decisions shall preferably be taken by unanimity, but if minority views persist then they shall be

reported.

In exceptional cases –at the discretion of the chairperson– duly authenticated postal votes can be accepted in addition to the votes cast at the JTC meeting.

5. Progress reports and publication of JTC work

The chairperson of a JTC shall annually report in written to the Federation Board about the progress of the JTC in accomplishing its tasks. This report shall reach the Secretariat at least 2 months before the annual Board meeting where the budget for the next year is discussed.

JTCs should aim to be sources of the most current technical information for the individual membership of the Member organisations of the FIGS in their field of expertise. The websites and newsletters of the Member organisations may be used to spread this information among the individual members of the Member organisations.

The Board shall discuss the annual JTC reports with the Liaison Committee and in the Board meeting and inform the JTC chairperson about the comments and suggestions given by these bodies.

The final report with the main findings, produced guidelines, recommendations, etc. shall be presented in a format that is appropriate to the nature of the assignment. The emphasis shall be on producing practical documents that can be distributed to and used by members of the Member organisations.

All reports produced by the JTCs, involving matters of policy shall be sent to the FIGS Board prior to their publication. The JTC members participating in the reports shall be identified.

The copyright of the produced reports, guidelines, etc remains with FIGS; the scientific responsibility with the core-group of the JTC.

Federation of International Geo-engineering Societies JOINT TECHNICAL COMMITTEES

(updated 15 January 2007)

JTC No	Title	Chairman	Hosted by
JTC1	Landslides and Engineered Slopes	Willy Lacerda	ISSMGE
JTC2	Representation of Geo-Engineering Data	David Toll	ISSMGE
JTC3	Education and Training	Prof. Gonzalez de Vallejo	IAEG
JTC4	Professional Practice	Harry Poulos	ISSMGE
JTC5	Sustainable Use of Underground Space	Ed de Mulder	IAEG
JTC6	Ancient Monuments/Historical Sites (IAEG)	B. Christaras	IAEG

JTC7	Soft Rocks and Indurated Soils (ISRM)	Milton Kanji	ISRM
------	---------------------------------------	--------------	------

<i>JTC9</i>	<i>Geophysical Methods (not activated)</i>	<i>Koichi Sassa</i>	<i>ISRM</i>
<i>JTC10</i>	<i>Geo Environmental Engineering (not activated)</i>	<i>William Van Impe</i>	<i>ISSMGE</i>
<i>JTC11</i>	<i>Case Histories (not activated)</i>		<i>ISRM</i>
<i>JTC12</i>	<i>Geological and Geotechnical Heterogeneity (not activated)</i>	<i>F. Barends</i>	<i>ISSMGE</i>

Note: Committees in Italics above are not presently considered as Joint Technical Committees. They were not updated after Nottingham.

JTC1: LANDSLIDES AND ENGINEERED SLOPES (ISSMGE)

Chairman: Willy Lacerda (Brazil)

Terms of Reference:

1. Discussing, advancing and developing the science and engineering of landslides and engineered soil and rock slopes.
2. Encouraging the collaboration of those who practice in soil mechanics, rock mechanics, engineering geology, mining engineering, geomorphology and geography; as applied to landslides in natural and engineered slopes.
3. Fostering and organizing Conferences, Symposia and Workshops, including the International Symposium on Landslides, which are held at four year intervals.
4. Contributing to the International Congresses and Conferences of the ISSMGE, IAEG and ISRM.
5. Fostering the development, and implementation into the community, landslide hazard identification, monitoring, modeling, risk assessment techniques, risk tolerance criteria, and landslide risk management.
6. Fostering the organization of training schools, and preparation of guidelines, and codes of good practice to allow the transfer and implementation into general practice of new developments.

Meetings Held

Its first meeting was held in Barcelona, September 17, just before the “Workshop on Susceptibility, Hazard and Risk Zoning”, which lasted from the 18TH to the 21TH of September, at the Civil Engineering School of Barcelona, Technical University of Catalonia, Barcelona, with the presence of 12 members.

Meetings Planned

July 2007 – during the 11th International Congress of the ISRM, July 2007, Lisbon, in which a special session of JTC-1: Specialty Session S 01 on Rockfalls, under the responsibility of Dr. H. Einstein will take place;
December 2007 – during the event “HONG KONG 2007”, a new version of the Workshop on Fast Slope Movements – to

be held in Hong Kong, December 2007, in conjunction with the activities related to the 30th anniversary of the GEO. It is being organized by H. N. Wong, H. W. Sun and L. Picarelli. All of them are members of JTC-1.

July 2008 – during the ISL 2008 Xian China

JTC2: REPRESENTATION OF GEO-ENGINEERING DATA (ISSMGE)

Chairman: David Toll (UK)

Terms of Reference:

1. To oversee the development of an internationally agreed form of representation of geo-engineering data that can be used to store such data on the World Wide Web and transfer data between computer systems. The data representation scheme will address: (a) Ground investigation (“borehole”) data; (b) Commonly-used laboratory test data; (c) Commonly-used in situ test data; (d) Data about geotechnical entities such as foundations, retaining structures, dams and embankments
2. To maintain web pages defining the agreed data representation scheme
3. To approve changes to the data representation scheme proposed by users
4. To promote the exchange of information about electronic representation and transfer of geo-engineering data
5. To promote sessions on electronic data representation at international and regional conferences on geo-engineering, and to support special geo-engineering conferences related to this field.

Activities

- A successful workshop was held on September 9th 2006 as part of the 10th IAEG Congress in Nottingham, UK. Presentations from the session are available for download from the JTC2 website: <http://www.dur.ac.uk/geoengineering/jtc2/>.
- A Specialised Session on “Rock Mechanics Data: Representation and Standardisation” (jointly organised by JTC2 and ISRM Commission on Case Histories in Rock Engineering (CCHRE)) will be held at the 11th ISRM Congress in Lisbon, Portugal (July 2007). Papers from the session will be published on the Proceedings CD, in paper form by the CCHRE and they will be available for download from the JTC2 website.
- A session on “GeoEnvironmental Data: Representation and Standardisation” has been organised for GeoCongress 2008 which will be held in New Orleans, USA, 9-12 March 2008. GeoCongress is the annual conference of the GeoInstitute of the American Society of Civil Engineers. Six papers have been accepted for the session with authors from USA, Singapore, Taiwan and UK.

Future Plans

A focus of activities that emerged from planning the Specialised Session at the ISRM Congress in Lisbon is the representation of slope and landslide data. It is planned to start a discussion with JTC1 on Landslides and Engineered Slopes to develop standard forms of representation for such data.

JTC3: EDUCATION AND TRAINING (IAEG)

Chairman: Prof. Gonzalez de Vallejo (Spain)

Secretary: Dr Aurea Perucho (Spain)

Terms of Reference:

1. Discussing, developing and advancing the university education and professional training in the three geo-engineering disciplines; to address issues referred to it

by the Presidents of the Sister Societies including solving thematic and practical questions or studying widespread problems in the broad field of education and training..

2. Encouraging the collaboration of those who practice in education and training in the geo-engineering disciplines
3. Fostering and organizing Conferences, Symposia and Workshops
4. Contributing to the International Congresses of ISSMGE, IAEG, and ISRM
5. Fostering the exchange and spreading of knowledge about education and training in the geo-engineering disciplines as available from sources of the most current technical information in their fields of expertise.
6. Fostering the organization of training schools and preparation of guidelines and training packages.
7. Maintaining a website to spread the knowledge in the JTC to the individual members of the ISSMGE, IAEG, and ISRM

More specifically the JTC 3 will be working on:

8. Elaboration and maintenance of a State of the Art Report on Education and training in Engineering Geology (EG), Soil Mechanics(SM) and Rock Mechanics (RM). The objective of this report is to monitor the situation of the above mentioned disciplines in a worldwide scope. Focus of attention should be:
 - where EG,SM and RM is taught. Regional and/or continental divisions could be established
 - How EG,SM and RM are taught. Programs and credits should be included. Undergraduate and post-graduated studies should be referred to.
 - A list of main universities and higher educational centres should be provided, with web pages and other useful information, if possible.

This JTC task a matter of work over longer periods of time, where the resulting report will improve in content over the years.

9. Preparation of Guidelines and Suggestions for University Educational Programs in the Geo-engineering disciplines (EG, SM and RM) The JTC 3 will prepare a report on the content, programs, pre-requirements and credits for the 3 geo-engineering disciplines at Bachelor and Master level. The work will be carried out in a number of stages, from mainlines to detailed, each of which stages will be open for discussion to the National Groups and Councils of the three associations. The definition of the curricula for each of the three disciplines as major topic will be accompanied by the definition of the curriculum required for the minors in the two other disciplines.

The work on this task will be based on the definition of the three disciplines as outlined in the report by the Joint European Working Group of the three Geo-engineering associations presented in 2004 by its chairman Helmut Bock.

Due to the specific requirements resulting from the Bologna declaration which only affect the European Union members, an ad-hoc report will be presented on the short term to be presented to the European National Groups and the European Union authorities.

Meetings Held:

1st meeting was held in Nottingham, in the 8th of September, 2006.

2nd meeting was held in Singapore, in the 9th of November, 2006.

Meetings Planned:

Next planned meetings are:

- In Lisbon, in July, 2007, during the ISRM Int. Congress
- In Madrid, in September, 2007, during the ISSMGE European Conference
- In Romania, in 2008, during the International Conference of Education and Training in Geo-Engineering, organised by Prof. Manoliu, ISSMGE
- In Madrid 2008, during the Euro-Engineering Regional IAEG Conference
- In Alexandria, in 2009, during the Congress of the ISSMGE

Activities:

Each Core Member (CM) has been asked to provide us before February 2007 with the following information:

- a) A short list on the main aspects that should be considered in guidelines on their respective discipline (EG, SM, RM). The idea is to provide what it can be constitute the list/index of contents of the guidelines. Obviously, this will be a first approach. Based on CM proposals we will produce an integrated and agreed list of contents for guidelines.
- b) To provide a list of competences on what CM consider should be the skills to be achieved by each discipline (EG, SM, RM) and for the 2 considered levels (graduated and post-graduated). Although this is a major question we encourage CM to try to present a working proposal on this question. Obviously, such list of competences should be tentative, but will be very useful as a starting point.
- c) It is intended to send a questionnaire to universities, national groups, etc, to provide a database on Education and Training in different regions, therefore CM are asked to send us a list of questions to be included in the questionnaire

The task force is working at present in writing drafts about what could be the competences and contents in the 3 areas: Engineering Geology, Soil Mechanics and Geotechnical Engineering and Rock Mechanics for graduate and postgraduate level, as a support document for the Core Members.

JTC4: PROFESSIONAL PRACTICE (ISSMGE)

Chairman: Prof. Harry Poulos (Australia)

Terms of Reference:

1. Develop strategies to enhance the status & role of geo-professionals in major projects.
2. Encourage the integration of the various disciplines of geo-engineering into professional practice.
3. Document & promulgate principles of good geo-practice, including peer review procedures.
4. Develop guidelines for appropriate remuneration of geo-professionals.
5. Explore alternative modes of involvement in major projects, for example, alliances, project-based associations and partnerships, etc
6. Assemble information on professional practice & requirements in various parts of the world.

Committee “Deliverables”

It is envisaged that, in line with the objectives above, the following output would be produced by JTC4:

1. A report on the overall activities of the Committee.
2. A paper, focusing on business issues in professional practice, setting out detailed strategies to be pursued to:
 - a. Enhance the status of geo-professionals;
 - b. Encourage interaction and integration among geo-professionals;
 - c. Increase the amount of geotechnical investigation in

- d. order to reduce risks;
 - d. Work towards more realistic remuneration for geo-professionals, bearing in mind the risks involved;
 - e. Adopt alternative modes of participation by geo-professionals in major projects;
 - f. Facilitate increased involvement in international projects by geo-professionals.
3. A document, focusing on ethical issues in professional practice, setting out the Principles of Good Geo-practice.

JTC5: SUSTAINABLE USE OF UNDERGROUND SPACE (IAEG)

Chairman: Dr Ed de Mulder (The Netherlands)

Terms of Reference

Aims

The Joint Technical Committee (JTC) aims to generate increased scientific and public attention for the relevance of the underground as a potential realm and medium for solving societal problems at surface in an economical and environmentally sustainable way, and to address geo-engineering issues related to this ambition.

Objectives

Implementation of these aims is anticipated through:

1. Advancing the science involved for developing underground space and its related environmental and economic aspects;
2. Mapping the current international and national networks of relevant scientific and professional parties in this field;
3. Encouraging cooperation between such parties and the JTC;
4. Acting as a platform for those professionally dealing with the use of underground space;
5. Compiling and publishing a monograph on the sustainable use of underground space;
6. Presenting relevant papers in conferences and publishing scientific articles on this topic;
7. Organising international workshops, symposia and training activities
8. Reporting the JTC results to the leaderships of IAEG, ISSMGE and ISRM;
9. Communicating JTC achievements to the individual memberships of these three Associations and Societies, e.g. through contributions in international congresses, symposia and workshops organised by these parties;
10. Developing and maintaining a dedicated website.

Meetings held

One informal and exploratory meeting was held in Nottingham (UK), at the IAEG Congress, in September 2006.

Meetings planned

The first full JTC5 meeting is scheduled during the ACUUS Congress to be held from 10 to 13 September, in Athens, Greece. Another business and scientific meeting is scheduled for the International Geological Congress in Oslo, August 2008.

JTC6: ANCIENT MONUMENTS/HISTORICAL SITES (IAEG)

Chairman: Prof. B. Christaras (Greece)

Terms of Reference

The Joint Technical Committee JTC 6 : Ancient Monu-

ments/Historic Sites will function in accordance with the Guidelines as defined by the presidents of the ISSMGE, IAEG, and ISRM in their meeting in Paris on November 11, 2005. In particular this means that the JTC is responsible for

1. Discussing, developing and advancing methods and techniques to improve the geo-engineering aspects which play a role in the preservation of ancient monuments and historic sites; to address issues referred to it by the Presidents of the Sister Societies including solving thematic and practical questions in this field.
2. Encouraging the collaboration and acting as a platform for those who practice in this aspect of the geo-engineering disciplines
3. Fostering and organizing Conferences, Symposia and Workshops
4. Contributing to the International Congresses of ISSMGE, IAEG, and ISRM
5. Fostering the exchange and spreading of knowledge about the geo-engineering aspects of the preservation of monuments/historic sites as available from sources of the most current technical information in their fields of expertise.
6. Fostering the organization of training schools and preparation of guidelines and training packages.
7. Maintaining a website to spread the knowledge in the JTC to the individual members of the ISSMGE, IAEG, and ISRM

Topics for scientific interpretation:

1. underpinning,
2. foundation layer treatment,
3. construction material quality improvement,
4. slope stability improvement,
5. special excavation techniques for tunnels below historical buildings and monuments,
6. support of caves
7. building materials (stones and mortars)
8. In situ and laboratory techniques for measuring the weathering of stones

A symposium on the above aspects is scheduled to be organized on the above topics after 3 years, probably at the next IAEG Congress.

JTC7: SOFT ROCKS AND INDURATED SOILS (ISRM)

Chairman: Prof. Milton Kanji (Brazil)

Terms of Reference

1. To discuss, advance and develop issues related to the occurrence, investigation and properties of soft rocks and indurated soils and their utilization in engineering works, either as construction materials or as foundation massifs.
2. Encouraging the collaboration and exchange of information of those dealing with research and investigation as well as with practical works with these materials, in order to foster the knowledge on the subject.
3. Contributing to the three sister geotechnical societies, ISRM, ISSMGE and IAEG, for congresses, symposia and other technical events, giving incentive for inclusion of special sessions on the subject.
4. To examine and approve or reject proposed events on the subject and establish the condition for the realization of such events.
5. Addressing issues presented to the committee by the Presidents of ISRM, ISSMGE and IAEG.
6. To follow the directives of FIGS and report to the Presidents on advances and progress of the Committee.

Tentative Technical Objectives

- Establish a Data Bank on physical and mechanical properties as well as on bibliographic references about the pertinent materials;
- Recommend promising lines of research;
- Incentive investigation on important issues of such materials, as: effect of structure and fabric on the properties, development of adequate techniques for field and laboratory sampling and testing, and realization of test sites for correlations of in situ and laboratory testing.
- Integrate the web page of the sponsor society for interchange of information about the Committee.

The first meeting of the Committee is scheduled to be held on next July 8 (9:30) in Lisbon, in connection with the ISRM Congress (July 8 – 13).

APPENDIX 9 – AUDITED ACCOUNTS 2005-2006

REPORT BY SECRETARY GENERAL

**INDEPENDENT AUDITORS' REPORT TO THE MEMBERS OF
THE INTERNATIONAL SOCIETY FOR SOIL MECHANICS
AND GEOTECHNICAL ENGINEERING**

We have audited the receipts and payments account of The International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) for the year ended 31 December 2005 and the related information.

This report is made solely to the members, as a body, in accordance with our engagement letter dated 6 February 2006. Our audit work has been undertaken so that we might state to the members those matters we are required to state to them in an auditors' report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than members as a body, for our audit work, for this report, or for the opinions we have formed.

Respective responsibilities of Secretary General and Auditors

The Society's Secretary General is responsible for the preparation of the receipts and payments account, which has been prepared under the ISSMGE Statutes and By-Laws.

Our responsibility is to audit the receipts and payments account and related information in accordance with relevant legal and regulatory requirements and International Standards on Auditing (UK and Ireland).

We report to you our opinion as to whether the receipts and payments properly presents the receipts and payments of the Society.

Basis of audit opinion

We conducted our audit in accordance with International Standards on Auditing (UK and Ireland) issued by the Auditing Practices Board. An audit includes examination, on a test basis, of evidence relevant to the amounts and disclosures in the receipts and payments account. It also includes an assessment of the significant estimates and judgments made by the Secretary General in the preparation of the receipts and payments account, and of whether the accounting policies are appropriate to the Society's circumstances, consistently applied and adequately disclosed.

We planned and performed our audit so as to obtain all the information and explanations we considered necessary in order to provide us with sufficient evidence to give reasonable assurance that the receipts and payments account is free from material misstatement, whether caused by fraud or other irregularity or error. In forming our opinion we also evaluated the overall adequacy of the presentation of information in the receipts and payments account.

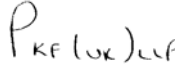
Opinion

In our opinion the accounts:

- properly present the receipts and payments of the Society for the year ended at 31 December 2005

London, UK

2 MAY 2006


PKF (UK) LLP
 Registered auditors

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS
AND GEOTECHNICAL ENGINEERING**
RECEIPTS AND PAYMENTS ACCOUNT
FOR THE YEAR ENDED 31 DECEMBER 2005

	Credit Suisse SFr	Barclays Bank Plc £	Investment Accounts £	City University £
Cash balance at 1 January 2005	102,730	162,884	118,068	72
Add: Receipts				
Member society subscriptions	-	91,830		-
Corporate member subscriptions	-	6,207		-
Conference income	-	2,391		-
Geotechnical Service Directory	-	-		-
Publication sales and slide sales	-	-		-
Corporation tax refund	-	-		-
Other refunds	-	249		-
Interest received	128	5,994	4,782	-
	<u>102,858</u>	<u>269,555</u>	<u>122,850</u>	<u>72</u>
Less: Payments				
Emoluments and staff costs	-	17,500		26,576
President administrative support	-	9,128		-
Travel and subsistence	-	19,813		843
President office expenses	-	2,017		-
Photocopying	-	-		2,354
Telephone and fax	-	-		294
Postage	-	-		1,867
Stationery	-	497		150
SGL line	-	2,395		-
Website	-	17,221		-
Newsletter	-	-		-
Francophone bulletin	-	1,260		-
Audit fees	-	3,361		-
Bank charges	267	689		-
Corporation tax	-	-		-
Withholding tax	45	-		-
Conference support	-	16,250		-
Model Library	-	-		-
Touring Lecture	-	-		-
Young member awards	-	1,500		-
Office equipment	-	446		320
Office hire	-	5,000		-
Kevin Nash Gold Medal	-	1,119		-
List of members	-	-		-
	<u>312</u>	<u>98,196</u>	<u>-</u>	<u>32,404</u>
Add: Transfers from other accounts	-	-	-	33,000
Less: Transfers to other accounts	-	(33,000)	-	-
Cash balance at 31 December 2005	<u>102,546</u>	<u>138,359</u>	<u>122,850</u>	<u>668</u>
(Decrease)/increase in cash balance	<u>(184)</u>	<u>(24,525)</u>	<u>4,782</u>	<u>596</u>

Information: At 31 December 2005 - £ = Sfr 2.2643

Secretary General *R. J. ...*

Date *21 April 2006*

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS
AND GEOTECHNICAL ENGINEERING**
SUBSCRIPTIONS RECEIVED
IN THE YEAR ENDED 31 DECEMBER 2005

Member Society	Number of <u>members</u>	<u>SFr</u>	<u>£</u>	Charges <u>£</u>
Albania	25	-	169	-
Argentina	25	-	550	6
Australia	787	-	-	-
Austria	95	-	1,714	17
Azerbaijan Republic	13	-	157	-
Bangladesh	33	-	513	-
Belgium	164	-	1,944	-
Bolivia	13	-	-	-
Brazil	678	-	2,882	-
Bulgaria	63	-	403	-
Canada	662	-	3,620	-
Chile	53	-	678	-
China	190	-	1,112	-
Colombia	16	-	282	-
Costa Rica	20	-	354	-
Croatia	126	-	800	-
CTGA	28	-	190	-
Czech & Slovak Republics	43	-	789	-
Denmark	308	-	-	-
Ecuador	20	-	-	-
Egypt	125	-	834	6
Estonia	30	-	293	6
Finland	177	-	1,984	6
France	473	-	3,223	6
Germany	745	-	4,086	-
Ghana	21	-	300	-
Greece	167	-	1,549	-
Hong Kong	508	-	-	-
Hungary	106	-	1,050	-
Iceland	10	-	178	-
India	225	-	1,425	-
Indonesia	20	-	-	-
Iran	191	-	1,113	-
Iraq	11	-	-	-
Ireland	22	-	398	6
Israel	35	-	1,279	6
Italy	256	-	2,478	-
Japan	1,427	-	6,541	-
Kazakhstan	40	-	418	-
Kenya	21	-	-	-
Korea	267	-	1,949	-
Latvia	31	-	302	-
Lithuania	40	-	-	-
Macedonia	72	-	215	-
Mexico	154	-	1,400	-
Morocco	12	-	434	6
Nepal	22	-	-	-
Netherlands	688	-	3,696	6
New Zealand	298	-	1,859	-
Nigeria	25	-	771	-
Norway	342	-	2,708	6
Pakistan	80	-	-	-
Paraguay	18	-	159	-
Peru	25	-	-	-
Poland	298	-	1,655	-
Portugal	223	-	1,623	-
Romania	140	-	850	-
Russia	305	-	1,677	-
Serbia and Montenegro	30	-	299	-
Slovenia	105	-	939	6
Carried forward	11,147	-	63,842	83

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS
AND GEOTECHNICAL ENGINEERING**
SUBSCRIPTIONS RECEIVED
IN THE YEAR ENDED 31 DECEMBER 2005

Member Society	Number of <u>members</u>	<u>SFr</u>	<u>£</u>	Charges <u>£</u>
Brought forward	11,147	-	63,842	83
South Africa	262	-	1,293	-
South East Asia	250	-	1,503	-
Spain	404	-	2,596	6
Sri Lanka	34	-	311	-
Sudan	25	-	-	-
Sweden	350	-	2,631	6
Switzerland	234	-	2,368	6
Syria	17	-	312	-
Tunisia	20	-	367	-
Turkey	181	-	1,076	6
Ukraine	97	-	1,225	-
UK	1,314	-	5,981	-
USA	1,931	-	8,325	6
Venezuela	24	-	-	-
Vietnam	18	-	-	-
Zimbabwe	17	-	-	-
Total	16,325	-	91,830	113

Corporate Member	<u>US\$</u>	<u>£</u>	Charges <u>£</u>
Bauer Spezialtiefbau GmbH	400	201	6
Fugro	400	222	6
GeoDelft	800	416	-
Geo-Research Institute	385	205	6
Golder Associates	1,600	814	16
Jan de Nul	800	426	12
Keller Group Ltd	-	-	-
Kiso-Jiban Consulting Engineers	1,600	829	-
Klohn-Crippen Consultants Ltd	-	-	-
Monenco AGRA Inc	-	-	-
Naue	400	226	-
NECSO Entrecanales y Tavora S.A.	378	190	6
Norwegian Geotechnical Institute	1,600	832	6
Protekt	-	-	-
Sinotech Engineering Consultants	1,580	814	6
Solentanche Enterprise	400	201	6
Suez Tractebel	400	208	-
S N Apageo S.A.S., France	400	205	6
Technologie Progetti Lavori S.p.A.	-	-	-
Tensar International	400	214	6
Terre Armee Internationale (Ste Menard Solt.)	400	204	6
Tokyu Construction Co Ltd	-	-	-
Tractebel Development Engineering S.A.	-	-	-
	11,943	6,207	88

ACCOUNTING POLICIES

- (a) **Income**
Income has been taken to the credit of the revenue account on a cash received basis.
- (b) **Expenditure**
Expenditure, inclusive of VAT, has been charged to the revenue account on a cash paid basis.

INDEPENDENT AUDITORS' REPORT TO THE MEMBERS OF THE INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING

We have audited the receipts and payments account of The International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) for the year ended 31 December 2006 and the related information.

This report is made solely to the members, as a body, in accordance with our engagement letter dated 6 February 2006. Our audit work has been undertaken so that we might state to the members those matters we are required to state to them in an auditors' report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than members as a body, for our audit work, for this report, or for the opinions we have formed.

Respective responsibilities of Secretary General and Auditors

The Society's Secretary General is responsible for the preparation the receipts and payments account, which has been prepared under the ISSMGE statutes and By-Laws.

Our responsibility is to audit the receipts and payments account and related information in accordance with relevant legal and regulatory requirements and International Standards on Auditing (UK and Ireland).

We report to you our opinion as to whether the receipts and payments account properly presents the receipts and payments of the Society and are prepared in accordance with the Society's statutes and by-laws.

Basis of audit opinion

We conducted our audit in accordance with International Standards on Auditing (UK and Ireland) issued by the Auditing Practices Board. An audit includes examination, on a test basis, of evidence relevant to the amounts and disclosures in the receipts and payments account. It also includes an assessment of the significant estimates and judgments made by the Secretary General in the preparation of the receipts and payments account, and of whether the accounting policies are appropriate to the Society's circumstances, consistently applied and adequately disclosed.

We planned and performed our audit so as to obtain all the information and explanations we considered necessary in order to provide us with sufficient evidence to give reasonable assurance that the receipts and payments account is free from material misstatement, whether caused by fraud or other irregularity or error. In forming our opinion we also evaluated the overall adequacy of the presentation of information in the receipts and payments account.

Opinion

In our opinion the accounts:

- properly present the receipts and payments of the Society for the year ended 31 December 2006

PKF (UK) LLP
PKF (UK) LLP

Registered auditors

London, UK
7 June 2007

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS
AND GEOTECHNICAL ENGINEERING**
SUBSCRIPTIONS RECEIVED
IN THE YEAR ENDED 31 DECEMBER 2006

Member Society	Number of <u>members</u>	<u>SFr</u>	<u>£</u>	Charges <u>£</u>
Albania	25	-	165	6
Argentina	25	-	435	-
Australia	809	-	7,764	-
Austria	95	-	1,650	-
Azerbaijan Republic	13	-	-	-
Bangladesh	33	-	-	-
Belgium	164	-	2,136	-
Bolivia	13	-	-	-
Brazil	673	-	2,765	-
Bulgaria	63	-	290	-
Canada	662	-	3,620	-
Chile	53	-	-	-
China	190	-	758	-
Colombia	20	-	336	-
Costa Rica	20	-	335	-
Croatia	126	-	860	-
CTGA	28	-	-	-
Czech & Slovak Republics	43	-	-	-
Denmark	345	-	5,185	-
Ecuador	20	-	685	-
Egypt	125	-	788	-
Estonia	30	-	374	-
Finland	177	-	2,072	6
France	473	-	3,244	6
Germany	709	-	3,954	-
Ghana	21	-	-	-
Greece	167	-	1,569	-
Hong Kong	508	-	2,768	-
Hungary	108	-	994	-
Iceland	10	-	168	6
India	225	-	1,446	-
Indonesia	20	-	1,789	-
Iran	191	-	1,041	-
Iraq	11	-	-	-
Ireland	29	-	498	6
Israel	35	-	603	6
Italy	245	-	2,371	6
Japan	1,401	-	6,113	-
Kazakhstan	40	-	395	-
Kenya	21	-	-	-
Korea	296	-	2,045	-
Latvia	31	-	-	-
Lithuania	40	-	-	-
Macedonia	72	-	-	-
Mexico	154	-	1,347	-
Morocco	12	-	-	-
Nepal	22	-	-	-
Netherlands	639	-	3,546	-
New Zealand	312	-	1,995	-
Nigeria	25	-	435	-
Norway	349	-	2,582	-
Pakistan	80	-	1,384	-
Paraguay	18	-	-	-
Peru	25	-	-	-
Poland	315	-	1,717	-
Portugal	223	-	-	-
Romania	140	-	805	-
Russia	305	-	1,684	-
Serbia and Montenegro	30	-	380	-
Slovenia	105	-	-	-
Carried forward	11,159	-	75,091	42

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS
AND GEOTECHNICAL ENGINEERING**
SUBSCRIPTIONS RECEIVED
IN THE YEAR ENDED 31 DECEMBER 2006

Member Society	Number of <u>members</u>	<u>SFr</u>	<u>£</u>	Charges <u>£</u>
Brought forward	11,159	-	75,090	42
South Africa	279	-	1,504	-
South East Asia	200	-	1,274	-
Spain	404	-	2,651	6
Sri Lanka	34	-	-	-
Sudan	25	-	-	-
Sweden	730	-	3,822	-
Switzerland	234	-	2,332	6
Syria	17	-	296	-
Tunisia	30	-	380	6
Turkey	167	-	1,212	-
Ukraine	97	-	611	-
UK	1,314	-	5,521	-
USA	1,931	-	9,365	6
Venezuela	24	-	-	-
Vietnam	18	-	-	-
Zimbabwe	17	-	-	-
Total	16,680	-	104,059	66

Corporate Member	<u>US</u> <u>\$</u>	Barclays <u>Bank</u> <u>£</u>	City <u>University</u> <u>£</u>	Charges <u>£</u>
Acciona Infraestructuras	400	215	-	6
Bauer Spezialtiefbau GmbH (2006)	400	221	-	6
Bauer Spezialtiefbau GmbH (2007)	400	211	-	6
Fugro	400	196	-	6
GeoDelft	400	226	-	-
Geo-Reconstruction Engineering Co	400	-	229	-
Geo-Research Institute	384	202	-	6
*Golder Associates	-	-	-	-
Jan de Nul (paid twice in 2005)	-	-	-	-
Keller Group Ltd	-	-	-	-
*Kiso-Jiban Consulting Engineers	-	-	-	-
Klohn-Crippen Consultants Ltd	-	-	-	-
Naue	400	226	-	-
*Norwegian Geotechnical Institute	-	-	-	-
*Sinotech Engineering Consultants	-	-	-	-
Solentanche Enterprise	400	216	-	6
S N Apageo S.A.S., France	400	221	-	6
Tensar International	400	209	-	6
Terre Armee Menard Soltraitment	400	220	-	6
*Tokyu Construction Co Ltd	-	-	-	-
Tractebel Development Engineering S.A.	400	227	-	-
	5,184	2,590	229	54

* Corporate Members who subscribed for 5 years (\$1600) in 2005.
Next subscription due in 2010 (for 2010 – 2015 inc.)

ACCOUNTING POLICIES

- (a) **Income**
Income has been taken to the credit of the revenue account on a cash received basis.
- (b) **Expenditure**
Expenditure, inclusive of VAT, has been charged to the revenue account on a cash paid basis.

COMPARISON WITH BUDGET

	2005		2006	
	Budget	Actual	Budget	Actual
ORDINARY BUDGET				
RECEIPTS				
Member Society Subscriptions	95,000	91,830	95,590	104,058
Interest	7,200	10,832 (1)	7,200	7,662
Total	102,200	102,662	102,790	111,720
EXPENDITURE				
Emoluments and Staff Costs	43,500	44,077	45,000	45,784
Office Rental	5,000	5,000	5,000	5,000
Travel and subsistence	32,375	20,585 (2)	35,685	24,913 (2)
Office expenses	5,000	5,927 (3)	3,120	2,288
Audit Fees and Bank Charges	3,700	4,168 (4)	3,700	3,939 (4)
Corporation Tax	4,000	0 (5)	4,000	178 (5)
Website Maintenance	9,200	17,221 (6)	6,700	6,647
President Admin Support	12,000	9,127 (7)	0	8,294 (8)
President Office Expenses	2,500	2,017	0	0
Total	117,275	108,122	103,205	97,043
EXTRAORDINARY BUDGET				
RECEIPTS				
Corporate Member Subscriptions	2,400	6,207 (9)	3,600	2,819
Conference Income	20,000	2,391 (10)	8,000	23,531 (10)
Publications, Audio Visual Material	0	0	0	50
Total	22,400	8,598	11,600	26,400
EXPENDITURE				
SGI - Line	0	2,395 (11)	-	-
Conference support	16,000	16,250 (12)	0	1,222 (13)
Francophone Bulletin	0	1,260 (14)	0	0
Young Members Awards	1,500	1,500	0	0
List of Members	9,000	0 (15)	0	0
Kevin Nash Gold Medal	1,000	1,119	0	0
Heritage Museums	1,000	0 (16)	1,000	0
Other initiatives (eg Model library, Touring Lectures, IYPE	5,000	0 (16)	6,000	0
Total	33,500	22,524	7,000	1,222
SURPLUS (DEFICIT)	-26,175	-19,386	4,185	39,855

Notes:

- (1) High interest income due to Bonds arranged with Barclays Bank.
- (2) Some economy achieved in travel costs from Board members
- (3) Office expenses such as printing and postage are higher in Council Meeting years
- (4) Audit fees, and bank charges have increased slightly
- (5) Corporation tax relates to interest received - none payable in 2005
- (6) Late invoice for 2004 costs paid in 2005
- (7) Past President claimed pro-rata costs for support and expenses (Jan-Sep 2005)
- (8) Incoming Board agreed that support for new President was appropriate
- (9) Some corporate members take advantage of the "pay 4, get 5 years" membership plan, hence funds are received in advance
- (10) Income from the 2005 Osaka conference was received in 2006
- (11) SGI-Line annual fee for Jan-Sep 2004 paid in 2005
- (12) Support provided for iYGEC Osaka; a number of participants took up iYGEC bursaries
- (13) Support given to EYGEC - Croatia
- (14) Late submission of invoice in respect of 2004, and hence paid in 2005
- (15) Printed copies of Lists of Members was not produced
- (16) No activity under Other Initiatives/Heritage Museums

APPENDIX 10 – BUDGET 2007 - 2009

REPORT BY MICHAEL LISYUK

NOTES ON ISSMGE BUDGET FOR 2007-2009
with forecast for 2011**1. General**

Attached are the following tables:
 ISSMGE Ordinary Budget for 2007-2009, with forecast to 2011
 ISSMGE Extraordinary Budget for 2007-2009, with forecast to 2011
 ISSMGE Cash Balance Forecast for 2007-2009, with forecast to 2011

It is the aim of the present Budget of the Finance Committee to develop the budget in accordance with the proposals of the previous ISSMGE Finance Committee (Chairman L.G. de Mello), introducing modifications reflecting further development of ISSMGE.

The budget forecast to 2011 for information.

All budget amounts are given in GB Pounds.

2. Ordinary Budget

2.1 Member Society subscriptions (Item 1 of receipts) have been budgeted for the years 2007-2009, and a forecast to 2011 is made.

As is known, the change of the membership fee structure based on a Basic Fee per Capita (depending on Group Number and GNP), to a basis on Purchasing Power Parity (PPP), is taking place starting in 2007. This proposed fee model was approved by the ISSMGE Council meeting in Osaka in September 2005.

However, the change of Fee Structure does not change this estimated total member society subscription, which are the values in item 2.1.

Constant membership fee is assumed in the budget for 2007. An inflation correction of 2.5% per year is assumed, starting in 2008 to be discussed and approved at the 2007 Council Meeting in Brisbane.
 An increase of 200 ISSMGE members from 2005 onwards has been assumed.

2.2. Interest (Item 2 of Receipts): this is necessarily an estimate but a rise in 2009 has been assumed.

2.3 The necessity of the **President's part time support** (Item 1.1 of the expenditures) was discussed and approved by the Board meeting in 2006 in Rome.

2.4 Secretary General support (Item 1,2 of expenditures) is based on the proposal of the British Geotechnical Association to continue hosting the Secretariat from 2008 onwards, based on 80% time administrator support in the Secretariat.

2.5 Office expenses - LNEC/President office (Item 1.3 of the expenditures) were discussed and approved by the Board meeting in 2006 in Rome (President office supported by home institution LNEC).

2.6 Office rental (Item 1.1 of the expenditures) from 2008 onwards are assumed to be equal to zero according to the proposal of the British Geotechnical Association.

2.7 Travel, accommodation, etc (Items 3.1, 3.2, and 3.3 of expenditures) were revised according to the proposal of ISSMGE President. The revised items were approved by the Board meeting in Rome in 2006. The total travel expenses of the President, Secretary General and Board (item 3 of the expenditures) were reduced by GBP 4000 annually.

2.8 Audit Fees and Bank Charges (item 4 of expenditures) are subject to annual growth.

3. Extraordinary Budget

3.1 The Corporate member subscriptions (Item 1 of receipts) still form a smaller part of ISSMGE receipts as compared to the Member Society subscription of the Ordinary Budget. This problem was discussed by the Board meeting in Rome 2006. It is necessary to develop a policy towards the potential and actual corporate members to increase their number and offer them an attractive package of services.

3.2 The conference income (item 2 of receipts) includes revenues from Regional conferences, TCs conferences. For 2009 a revenue from the 17th ISSMGE International Conference in Alexandria is included.

3.3 Conference support (item 2 of expenditures) includes support of the Regional and International Young geotechnical engineers conferences. In 2009 support of 4th International Young Geotechnical Engineers' Conference in Alexandria is also included.

3.4 Francophone bulletins (item 3 of expenditures). It was decided by the Board meeting in 2006 in Rome to continue publication of the Francophone bulletins to inform French-speaking geotechnical communities and experts on ISSMGE news and activities. Therefore the annual sum of GBP 700 has been introduced in the budget, and later this sum was increased to GBP 1000 based on the ISSMGE President proposal.

3.5 News Bulletin (item 7 of expenditures) is published in electronic format starting from 2007 by Dr. Osamu Kusakabe (Task Force Communications of ISSMGE Board). The News Bulletin includes regional news, case histories, interviews with young engineers, anecdotes from gurus, etc. From 2007 a sum of GBP 2000 is allocated for the bulletin.

3.6 FIGS support (item 8 of expenditures) is introduced for 2007-2009 in the amount of GBP 2500 for travelling expenses of the President, Immediate Past President and Secretary General for attending two annual meetings of the FIGS Board.

4. Net Balance

The proposed budget reflects an increase in overall cash balance in 2007-2011.

ISSMGE ORDINARY BUDGET (GB POUNDS) 2007 - 2009, with forecast to 2011

Item	Notes	RECEIPTS	2007	2008	2009	2010	2011
1	1	Member Society Subscriptions	96800	108200	109500	110500	111500
2		Interest	8000	9000	9000	9000	9000
		Total	104800	117200	118500	119500	120500
		EXPENDITURE					
1		Secretariat					
1.1		President part time support	8000	8000	8000	8000	8000
1.2	2a	Secretary General support	27000	24000	25000	26000	27000
1.3	5	Office expenses - LNEC/President office	0	0	0	0	0
1.4	3.4	Office expenses - London	4000	3375	5500	4500	6000
1.5		Office rental	5000	0	0	0	0
2	2b	Secretary General	18000	19000	19000	20000	20000
3		Travel, accommodation, etc.					
3.1	6	President	6650	6800	6950	7100	7300
3.2		Secretary General	8735	9125	9530	9800	9900
3.3	6	Board	17725	18675	19660	21000	22000
4		Audit Fees and Bank Charges	4600	4800	5000	5300	5600
5		Corporation Tax	3200	3400	3600	3800	4000
6		Information Transfer (web site)					
6.1		Licencing fee	6700	6700	7000	7000	7000
6.2		Future developments	0	0	0	0	0
		Total	109610	103875	109240	112500	116800
		SURPLUS (DEFICIT)	(4810)	13325	9260	7000	3700

NOTES:

- 1 Member Society subscriptions based on following assumptions:
 - a) Constant membership fee for 2007
 - b) A predicted inflation correction of 2.5% per year, impacting in 2008, to be discussed and approved at the 2007 CM
 - c) Aim of an increase of 200 members per year from 2004 onwards
 - d) The change of Fee Structure, to a fee per capita approach, does not change this estimative, as the values were estimated based on the overall amount
- 2a The cost in 2008 is 80% of the updated amount of 24000 taking into account an inflation of 3%/year since 1999
- 2b Increase in Secretary General to account for inflation
- 3 4% per year increase in office expenses and travel/accommodation costs.
- 4 Item 1.4, Office Expenses, include equipment, copies, tel & fax, postage and stationery.
- 5 President office supported by home institution (LNEC)
- 6 Board Members will seek alternative sources of funding whenever possible

ISSMGE EXTRAORDINARY BUDGET (GB POUNDS) 2007 – 2009, forecast to 2011

Item	Notes	RECEIPTS	2007	2008	2009	2010	2011
1		Corporate Member Subscriptions	5000	8500	8500	8500	8500
2	1	Conference Income	8000	8000	25000	8000	8000
3	2	International Geotechnical Services Directory	0	0	0	0	0
		Total	13000	16500	33500	16500	16500
		EXPENDITURE					
2	4	Conference Support	4000	4000	16000	4000	4000
3		Francophone bulletins	1000	1000	1000	1000	1000
4		Young Members Awards	0	0	1500	0	0
5	5	List of Members	0	0	4000	0	0
6		Kevin Nash Gold Medal	0	0	1300	0	0
7		Bulletin	0	0	0	0	0
8		FIGS					
8.1	6	Travel of ISSMGE officers	1000	1000	1000	0	0
8.2	7	Contribution to FIGS Secretariat	2500	2500	2500	0	0
9		Heritage Museums	1000	0	0	0	0
10		Other Initiatives (Touring Lectures, Planet Earth etc)	7000	8000	9000	9000	9000
		Total	16500	16500	36300	14000	14000
		SURPLUS(DEFICIT)	(3500)	0	(2800)	2500	2500

NOTES:

- 1 The Revenues from Conferences include Osaka, 5ICEG, Reg. Conferences, and TC Symposia
- 2 The Revenues from GSD are disconsidered in this budget proposal
- 3 Operation of SGI Line does not include costs, as per a recent agreement between ISSMGE and SGI
- 4 Conference support includes RYGEC and IYGEC
- 5 The List of Members will be published on CDs. Printed copies of List of Members will not be produced before 2009.
- 6 Travel of ISSMGE officers to attend FIGS meetings
- 7 Contribution to FIGS Secretariat and travel of FIGS President

**ISSMGE ORDINARY AND EXTRAORDINARY BUDGET
REVISED CASH BALANCE FORECAST (GB POUNDS) 2007-2009, extended to 2011**

RECEIPTS	2007	2008	2009	2010	2011
Overall Surplus (Deficit)	(8310)	13325	6460	9500	6200
Overall Cash Balance - Final Balance Dec. 2005 = GBP 307166	336318	349643	356103	365603	371803

APPENDIX 11 – MEETINGS WITH MEMBER SOCIETIES AND OTHER MEETINGS

REPORT BY PRESIDENT

Meetings with Member Societies and other Geotechnical Groups

Meetings have been held with the following Member Societies:

Hellenic Society - 24 September 2005
 French Society - 22 October 2005
 Netherlands Society - 15 November 2005
 Indian Geotechnical Society - 18 December 2005
 CTGA - 17 January 2006 and 2 March 2006
 Hungarian Society - 17 February 2006
 Italian Geotechnical Society - 15 March 2006
 Korean Geotechnical Society - 25 March 2006
 German Geotechnical Society - 29 March 2006
 Slovenian Geotechnical Society - 28 May 2006 I
 British Geotechnical Association - 30 May 2006
 Croatia Soil Mechanics Society - 20 July 2006, 19 May 2007
 Chile Soil Mechanics Society - 22 August 2006
 Paraguay Geotechnical Society - 26 August 2006
 ABMS (Brazilian Soil Mechanics Association) - August 2006
 Japanese Geotechnical Society - 20 September 2006
 Ukraine Geotechnical Society - 11 October 2006
 Indonesia Society - on 4 November 2006
 Singapore Geotechnical Group - 8 November 2006
 Egyptian Geotechnical Society - 19 November 2006
 Tunisian Geotechnical Society - 16 March 2007
 Libyan Geotechnical Society - 20 March 2007
 Albanian Geotechnical Society - 19 April 2007
 Vietnam Soil Mechanics Society - 2 May 2007
 SEAGS - 10 May 2007

The following meetings are scheduled:

Polish Committee on Geotechnics - 22 June 2007
 Cuba Geotechnical Society - 12 July 2007
 Venezuela Geotechnical Society - 16 July 2007
 Costa Rica Geotechnical Society - 23 July 2007
 El Salvador Geotechnical Society - 26 July 2007
 Nigeria Geotechnical Society - 3 September 2007
 Spanish Soil Mechanics Society - 25 September 2007
 Mexico Soil Mechanics Society - 3 October 2007
 Indonesia Society - 17 October 2007

The issues discussed included Technical Committees, the Federation of International Geo-engineering Societies, National or Regional Conferences relating to ISSMGE and any other items of local interest. The following summarises the general views expressed:

- Regarding Technical Committees, Member Societies have expressed general satisfaction with the Terms of Reference and the members they have appointed.

- Regarding the FIGS, the majority of Member Societies are in favour of its creation though concerns were expressed about the potential cost (estimated at about EUR3500 per year), which should not lead to an increase in Member Society subscription fees. The President has assured Member Societies that within 2-3 years FIGS will generate their own income and will have financial autonomy. Also the 3 Sister Societies will keep their identity and autonomy. The President has stressed that the Agreement is for 2-3 years, and that if the experience is not positive, it will be possible to return to the present state.
- The Touring Lectures organised by ISSMGE are considered to be very important for encouraging geotechnical activities in the less developed countries.
- The Young Geotechnical Engineers Conferences are considered to be an important activity that attracts and supports the younger generation.
- In general, the Regional Conferences in 2007 have received positive comments related to the participation of the Societies in the appointment of key persons.

Meetings related to Conferences

Conference	Member Society + other representatives	Date
4th International Conference on Earthquake Geotechnical Engineering, June, Greece, Thessaloniki 2007 (meeting in Athens)	Hellenic Society	24 September 2005
11 th Baltic Sea Conference, September 2008 (meeting in Riga)	Representatives from: Latvia, Estonia, Lithuania, Poland, Finland, Russia, Denmark, Germany	13 October 2005
14 African Regional Conference, Cameroon, November 2007 (meeting in Paris)	France + VP Africa	12 November 2005
14 African Regional Conference on Soil Mechanics and Geotechnical Engineering, Cameroon, November 2007 (meeting in Dakar)	CTGA	2 March 2006
CAC Meeting for 14 ECSMGE Madrid (meeting in Ljubljana)	Conference Advisory Committee members	29 May 2006
17ICSMGE, Alexandria	Egyptian	1 July 2006
CAC Meeting for 13 Pan-American Conference on Soil Mechanics and Geotechnical Engineering (Meeting in Curitiba, Brazil)	Conference Advisory Committee members	31 August, 2006
CAC Meeting for 14 European Conference on Soil Mechanics and Geotechnical Engineering (meeting in Madrid)	Conference Advisory Committee members	29 September 2006

Meetings with Sister and other Societies

International Geosynthetics Society in Ljubljana - 29 May 2006

International Tunnelling Association in Lisbon - 5 July 2006

International Association for Engineering Geology and the Environment - Council Meeting (Nottingham, UK), 6 September 2006

International Society for Rock Mechanics - Council Meeting (Singapore), 7 November 2006, Singapore

Meetings with Presidents and Secretaries General of IAEG, ISRM and ISSMGE, Immediate Past President of ISSMGE

Paris - 11 November 2005

Amsterdam - 11 May 2006

Nottingham - 8 September 2006

Lisbon - 22 January 2007

Paris - 9 June 2007